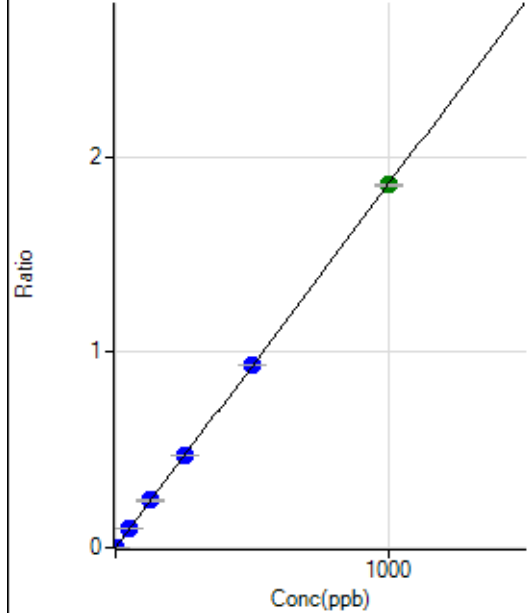


Batch Folder: D:\P8072417 .b\  
Analysis File: P8072417 .batch.bin  
DA Date-Time: 2017-07-27 13:06:20  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB P8072417.D | S00         | 2017-07-24 13:48:54 |
| 2     |                    |             |                     |
| 3     | 005CALB P8072417.D | S02         | 2017-07-24 13:55:39 |
| 4     | 006CALB P8072417.D | S03         | 2017-07-24 13:59:11 |
| 5     | 007CALB P8072417.D | S04         | 2017-07-24 14:02:42 |
| 6     | 008CALB P8072417.D | S05         | 2017-07-24 14:06:09 |
| 7     | 009CALB P8072417.D | S06         | 2017-07-24 14:09:31 |
| 8     | 010CALB P8072417.D | S07         | 2017-07-24 14:12:44 |
| 9     | 011CALB P8072417.D | S08         | 2017-07-24 14:15:54 |

**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      | 77.78      | 0.0001 | P    | 26.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.856      | 903.76     | 0.0017 | P    | 6.7  |
| 4 | <input type="checkbox"/> | 50.000   | 53.600     | 52423.97   | 0.0998 | P    | 4.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.864    | 130568.91  | 0.2434 | P    | 3.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.416    | 265196.13  | 0.4731 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 500.292    | 538325.92  | 0.9302 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.837    | 1107128.51 | 1.8552 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 338.91     | 0.0005 | P    | 11.2 |

$$y = 0.0019 * x + 1.4523E-004$$

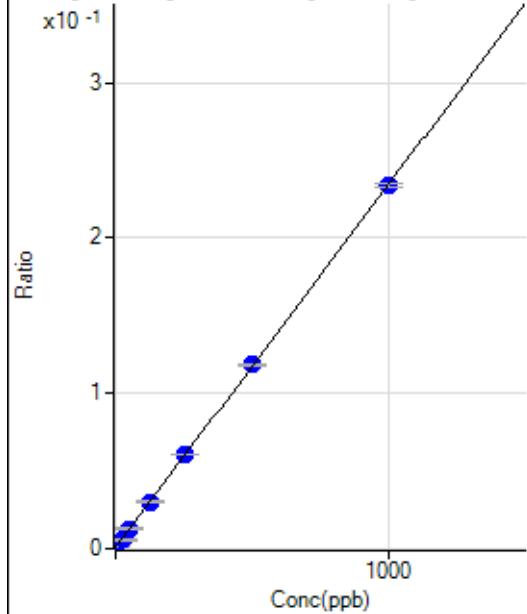
$$R = 1.0000$$

$$DL = 0.06159$$

$$BEC = 0.07812$$

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      | 369.47    | 0.0007 | P    | 19.1 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.072     | 2922.64   | 0.0056 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 51.651     | 6701.82   | 0.0128 | P    | 4.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.740    | 16245.94  | 0.0303 | P    | 6.3  |
| 6 | <input type="checkbox"/> | 250.000  | 255.769    | 33885.55  | 0.0605 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 504.027    | 68552.80  | 0.1185 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.342    | 139342.72 | 0.2335 | P    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 5109.46   | 0.0082 | P    | 10.7 |

$$y = 2.3365E-004 * x + 6.9018E-004$$

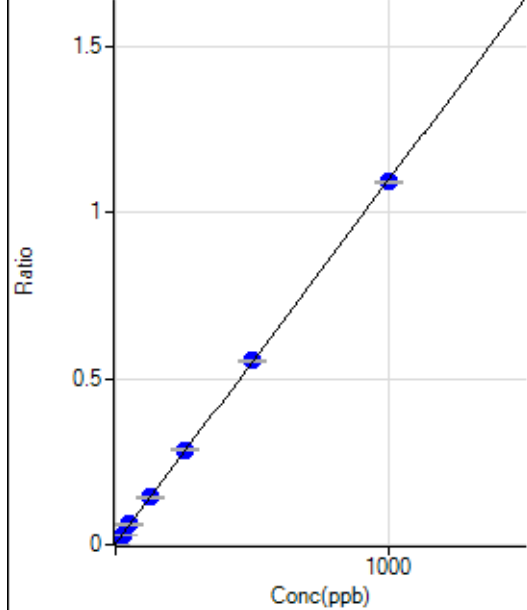
$$R = 1.0000$$

$$DL = 1.692$$

$$BEC = 2.954$$

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      | 1400.12   | 0.0026 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 22.544     | 14207.61  | 0.0273 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 53.166     | 31956.06  | 0.0608 | P    | 4.5 |
| 5 | <input type="checkbox"/> | 125.000  | 128.596    | 76920.74  | 0.1434 | P    | 2.5 |
| 6 | <input type="checkbox"/> | 250.000  | 257.649    | 159547.70 | 0.2846 | P    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 504.122    | 320866.85 | 0.5544 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.480    | 651866.86 | 1.0923 | P    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 23767.65  | 0.0379 | P    | 7.2 |

$$y = 0.0011 * x + 0.0026$$

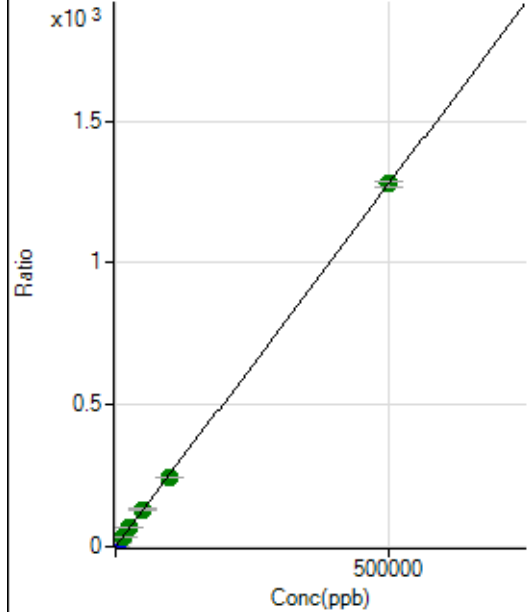
$$R = 0.9999$$

$$DL = 0.08285$$

$$BEC = 2.387$$

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      | 6532.36     | 0.1665    | P    | 2.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 462.612    | 51396.57    | 1.3473    | P    | 1.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 5109.221   | 508176.19   | 13.2083   | P    | 0.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 12878.543  | 1286763.66  | 33.0403   | A    | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 25346.880  | 2520647.47  | 64.8671   | A    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 50796.416  | 4895360.00  | 129.8299  | A    | 5.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 96287.264  | 9417716.10  | 245.9502  | A    | 0.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 500635.04  | 48131617.74 | 1,278.092 | A    | 1.7 |

$$y = 0.0026 * x + 0.1665$$

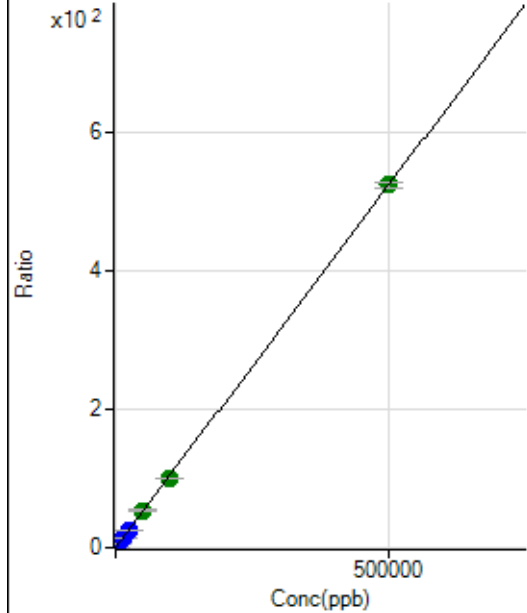
$$R = 1.0000$$

$$DL = 4.094$$

$$BEC = 65.21$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 113.90      | 0.0029   | P    | 32.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 445.521    | 17939.79    | 0.4702   | P    | 1.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 5151.261   | 207997.78   | 5.4061   | P    | 1.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12602.425  | 514913.84   | 13.2217  | P    | 1.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 24977.218  | 1018172.67  | 26.2016  | P    | 0.7  |
| 7 | <input type="checkbox"/> | 50000.000 | 51159.789  | 2023303.04  | 53.6647  | A    | 5.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 96084.398  | 3859184.42  | 100.7863 | A    | 0.5  |
| 9 | <input type="checkbox"/> | 500000.00 | 500664.26  | 19777369.89 | 525.1523 | A    | 1.6  |

$$y = 0.0010 * x + 0.0029$$

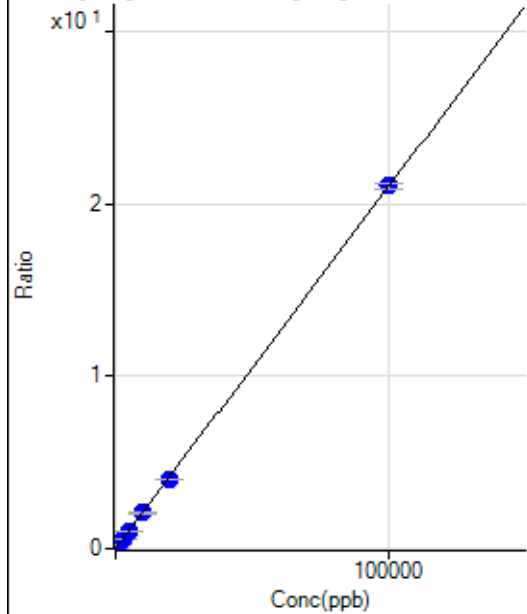
$$R = 1.0000$$

$$DL = 2.718$$

$$BEC = 2.765$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio   | Det. | RSD   |
|---|--------------------------|-----------|------------|-----------|---------|------|-------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 22.22     | 0.0006  | P    | 109.0 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |       |
| 3 | <input type="checkbox"/> | 20.000    | 19.122     | 175.01    | 0.0046  | P    | 16.2  |
| 4 | <input type="checkbox"/> | 1000.000  | 979.011    | 7924.76   | 0.2060  | P    | 1.5   |
| 5 | <input type="checkbox"/> | 2500.000  | 2471.872   | 20220.60  | 0.5192  | P    | 1.4   |
| 6 | <input type="checkbox"/> | 5000.000  | 4935.409   | 40258.17  | 1.0361  | P    | 2.2   |
| 7 | <input type="checkbox"/> | 10000.000 | 9962.881   | 78827.55  | 2.0910  | P    | 5.9   |
| 8 | <input type="checkbox"/> | 20000.000 | 18982.295  | 152530.28 | 3.9834  | P    | 1.0   |
| 9 | <input type="checkbox"/> | 100000.00 | 100211.39  | 791920.67 | 21.0268 | P    | 1.4   |

$$y = 2.0982E-004 * x + 5.6989E-004$$

$$R = 0.9999$$

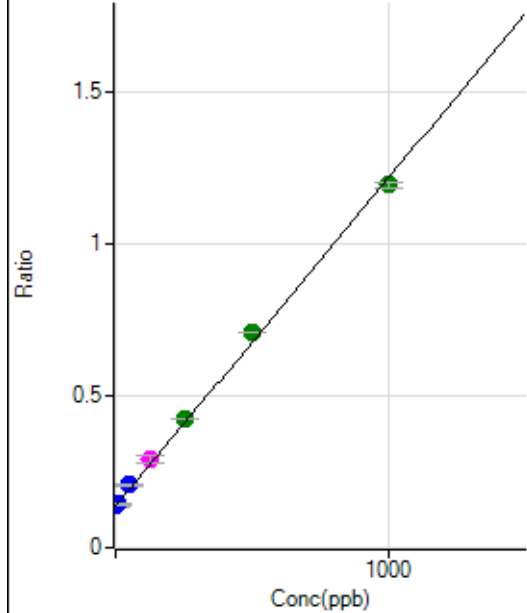
$$DL = 8.882$$

$$BEC = 2.716$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 429571.41  | 0.1361 | P    | 0.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 6.609      | 453296.23  | 0.1432 | P    | 2.9 |
| 4 | <input type="checkbox"/> | 50.000   | 64.670     | 645334.24  | 0.2059 | P    | 3.4 |
| 5 | <input type="checkbox"/> | 125.000  | 142.024    | 916474.90  | 0.2894 | M    | 8.3 |
| 6 | <input type="checkbox"/> | 250.000  | 267.344    | 1365067.82 | 0.4248 | A    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 528.844    | 2285113.22 | 0.7072 | A    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 978.414    | 3822300.22 | 1.1926 | A    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 557488.45  | 0.1730 | P    | 0.8 |

$$y = 0.0011 * x + 0.1361$$

$$R = 0.9991$$

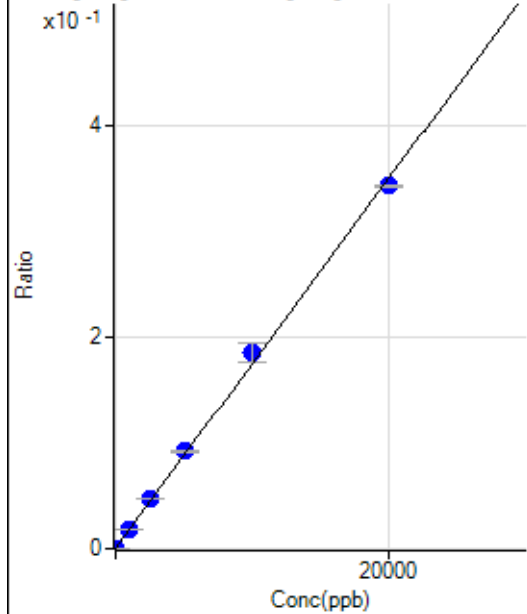
$$DL = 3.303$$

$$BEC = 126$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD   |
|---|--------------------------|-----------|------------|----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000     | 3.810      | 11.11    | 0.0003 | P    | 114.1 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |       |
| 3 | <input type="checkbox"/> | 0.000     | -3.810     | 5.56     | 0.0001 | P    | 173.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1046.501   | 711.16   | 0.0185 | P    | 4.1   |
| 5 | <input type="checkbox"/> | 2500.000  | 2680.281   | 1830.77  | 0.0470 | P    | 1.8   |
| 6 | <input type="checkbox"/> | 5000.000  | 5250.428   | 3570.05  | 0.0919 | P    | 1.5   |
| 7 | <input type="checkbox"/> | 10000.000 | 10595.962  | 6974.22  | 0.1852 | P    | 9.7   |
| 8 | <input type="checkbox"/> | 20000.000 | 19614.552  | 13120.56 | 0.3426 | P    | 0.6   |
| 9 | <input type="checkbox"/> |           |            | 13.89    | 0.0004 | P    | 34.2  |

$$y = 1.7458E-005 * x + 2.1423E-004$$

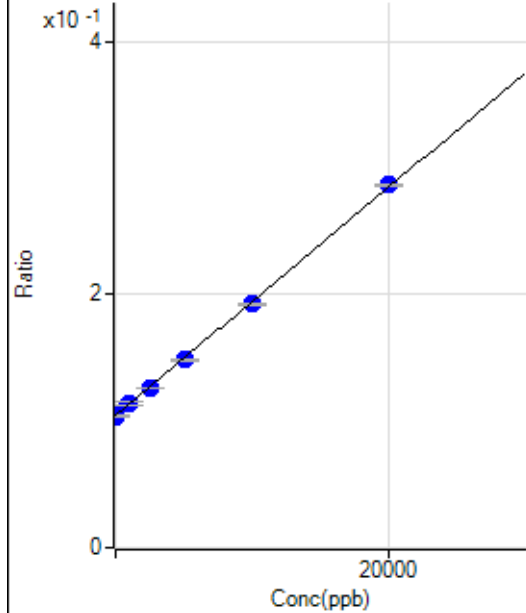
$$R = 0.9992$$

$$DL = 49.5$$

$$BEC = 12.27$$

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     | 79.025     | 332711.75 | 0.1054 | P   | 0.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | -79.025    | 329092.96 | 0.1040 | P   | 2.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1041.841   | 357632.51 | 0.1141 | P   | 1.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2362.157   | 399151.29 | 0.1260 | P   | 0.8 |
| 6 | <input type="checkbox"/> | 5000.000  | 4864.200   | 477538.63 | 0.1486 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9732.459   | 622203.02 | 0.1926 | P   | 0.9 |
| 8 | <input type="checkbox"/> | 20000.000 | 20182.859  | 919532.07 | 0.2869 | P   | 0.6 |
| 9 | <input type="checkbox"/> |           |            | 359723.05 | 0.1116 | P   | 1.3 |

$$y = 9.0288\text{E-}006 * x + 0.1047$$

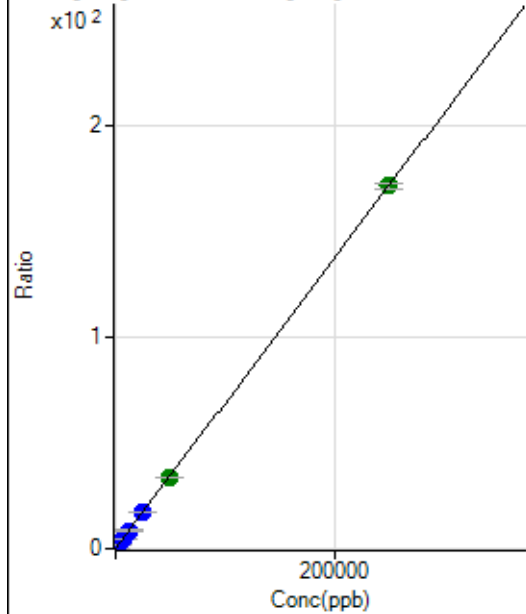
$$R = 0.9998$$

$$DL = 435.7$$

$$BEC = 1.159\text{E}+04$$

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      | 4011.86    | 0.1023   | P   | 4.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 468.611    | 16151.52   | 0.4234   | P   | 3.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2568.710   | 71666.10   | 1.8627   | P   | 0.6 |
| 5 | <input type="checkbox"/> | 6250.000  | 6265.669   | 171216.14  | 4.3964   | P   | 1.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12453.765  | 335635.89  | 8.6374   | P   | 1.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 25083.156  | 652112.17  | 17.2929  | P   | 5.0 |
| 8 | <input type="checkbox"/> | 50000.000 | 49024.002  | 1290428.78 | 33.7006  | A   | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 250188.18  | 6461433.69 | 171.5675 | A   | 1.5 |

$$y = 6.8535\text{E-}004 * x + 0.1023$$

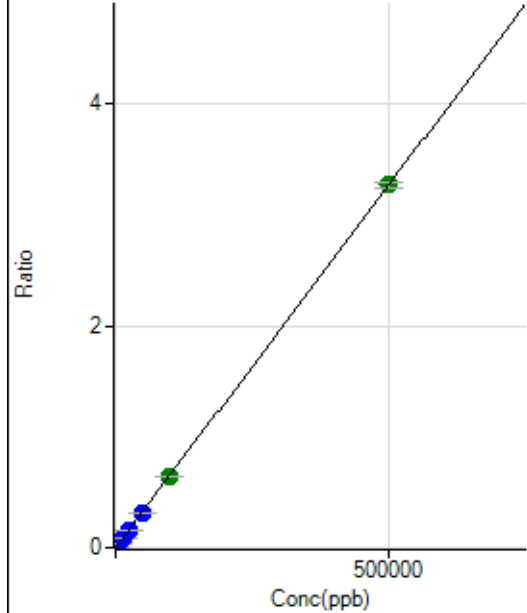
$$R = 1.0000$$

$$DL = 20.53$$

$$BEC = 149.2$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3089.38     | 0.0010 | P   | 4.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 433.764    | 12050.11    | 0.0038 | P   | 5.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 4993.002   | 105139.88   | 0.0336 | P   | 3.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12151.859  | 254204.28   | 0.0803 | P   | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 24195.019  | 510376.29   | 0.1588 | P   | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 47850.836  | 1011893.38  | 0.3131 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 97300.300  | 2037498.27  | 0.6357 | A   | 0.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 500803.94  | 10529189.13 | 3.2680 | A   | 1.6 |

$$y = 6.5235E-006 * x + 9.7856E-004$$

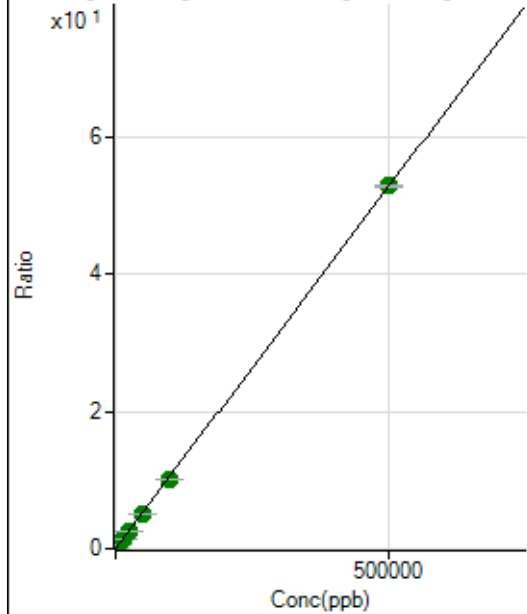
$$R = 1.0000$$

$$DL = 21.28$$

$$BEC = 150$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 52340.10    | 0.0166  | P   | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 422.303    | 193584.39   | 0.0611  | P   | 1.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 5105.123   | 1740695.40  | 0.5554  | A   | 2.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12309.920  | 4167992.76  | 1.3158  | A   | 0.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24063.454  | 8214841.76  | 2.5562  | A   | 0.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 48004.363  | 16425234.74 | 5.0829  | A   | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 96115.566  | 32564205.94 | 10.1605 | A   | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 501027.05  | 170428364.9 | 52.8946 | A   | 0.8 |

$$y = 1.0554E-004 * x + 0.0166$$

$$R = 1.0000$$

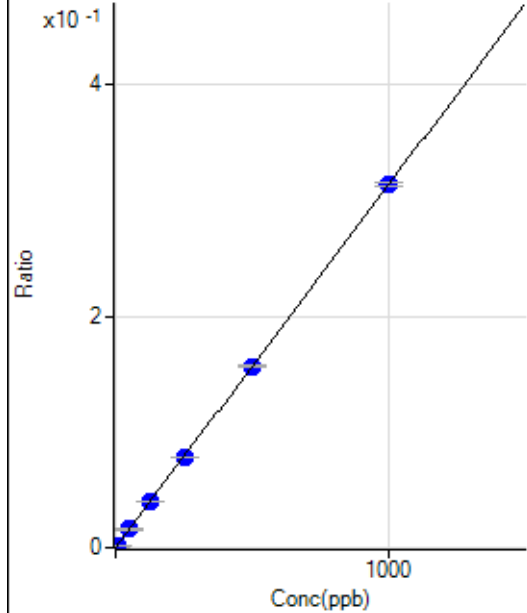
$$DL = 3.468$$

$$BEC = 157.1$$

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      | 161.12     | 0.0001 | P   | 12.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.544      | 4670.45    | 0.0015 | P   | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.904     | 50168.57   | 0.0160 | P   | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.266    | 125548.20  | 0.0396 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 249.344    | 251360.54  | 0.0782 | P   | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.118    | 506784.89  | 0.1568 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.904    | 1004772.98 | 0.3135 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 1444.62    | 0.0004 | P   | 12.8 |

$$y = 3.1348\text{E-}004 * x + 5.1026\text{E-}005$$

$$R = 1.0000$$

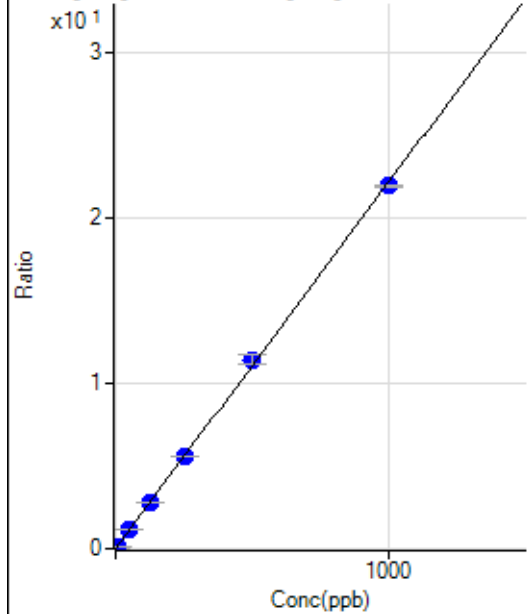
$$DL = 0.06233$$

$$BEC = 0.1628$$

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      | 24.45     | 0.0006  | P   | 44.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.501      | 3825.04   | 0.1003  | P   | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 51.010     | 43467.48  | 1.1298  | P   | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.289    | 109762.67 | 2.8184  | P   | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 252.987    | 217655.70 | 5.6010  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 516.935    | 431540.95 | 11.4440 | P   | 5.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.451    | 839571.88 | 21.9262 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 673.36    | 0.0179  | P   | 2.5  |

$$y = 0.0221 * x + 6.2443\text{E-}004$$

$$R = 0.9998$$

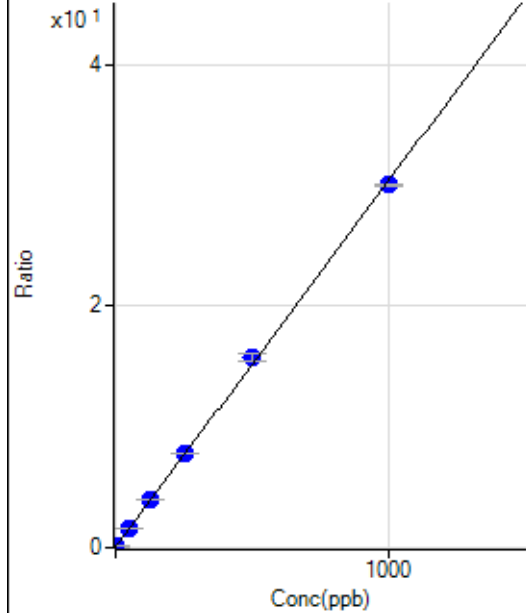
$$DL = 0.03788$$

$$BEC = 0.02821$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1126.73    | 0.0287  | P   | 1.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.126      | 3556.07    | 0.0932  | P   | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 52.054     | 61859.40   | 1.6078  | P   | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 128.626    | 153085.01  | 3.9307  | P   | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 254.614    | 301279.23  | 7.7527  | P   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 518.306    | 594052.63  | 15.7520 | P   | 4.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.137    | 1150077.65 | 30.0351 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 36331.67   | 0.9648  | P   | 1.8 |

$$y = 0.0303 * x + 0.0287$$

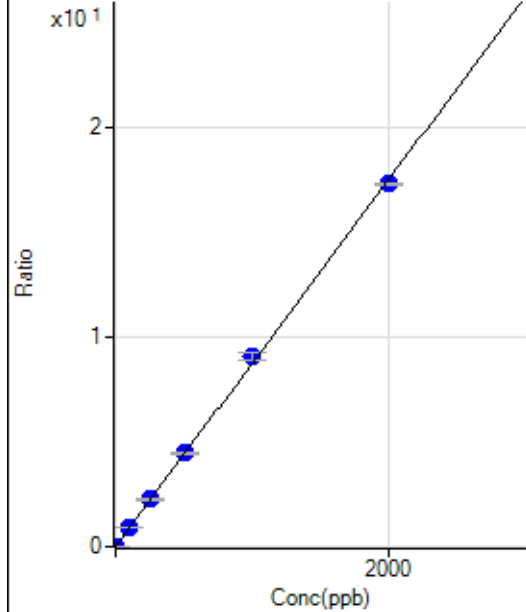
$$R = 0.9997$$

$$DL = 0.04004$$

$$BEC = 0.9466$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.34     | 0.0016  | P   | 25.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.012      | 400.02    | 0.0105  | P   | 16.2 |
| 4 | <input type="checkbox"/> | 100.000  | 105.055    | 35488.52  | 0.9224  | P   | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 258.417    | 88268.76  | 2.2666  | P   | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 511.058    | 174112.31 | 4.4809  | P   | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1035.508   | 342362.15 | 9.0775  | P   | 4.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1978.177   | 663953.75 | 17.3397 | P   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3671.65   | 0.0975  | P   | 1.7  |

$$y = 0.0088 * x + 0.0016$$

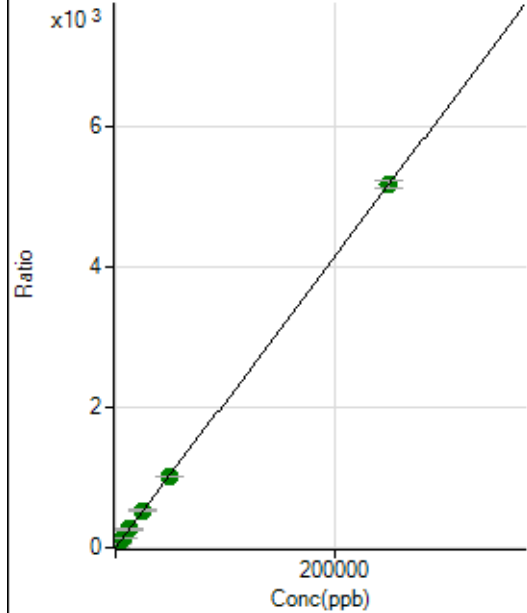
$$R = 0.9997$$

$$DL = 0.139$$

$$BEC = 0.1845$$

Weight: &lt;None&gt;

Min Conc: 0

**56 Fe [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      | 4143.33     | 0.1056    | P    | 2.1 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 46.843     | 40982.96    | 1.0744    | P    | 2.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2637.526   | 2102882.48  | 54.6564   | A    | 0.8 |
| 5 | <input type="checkbox"/> | 6250.000  | 6384.206   | 5146505.79  | 132.1475  | A    | 1.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 12604.063  | 10133693.63 | 260.7902  | A    | 1.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 25563.059  | 19942270.58 | 528.8157  | A    | 4.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 48990.935  | 38802694.39 | 1,013.364 | A    | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 250135.57  | 194821941.3 | 5,173.556 | A    | 2.2 |

$$y = 0.0207 * x + 0.1056$$

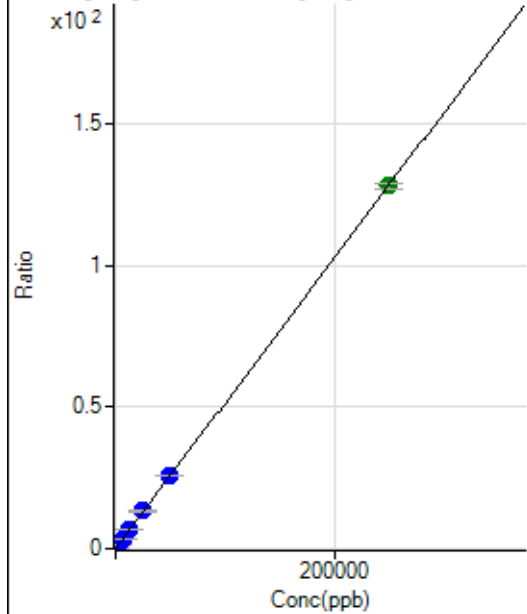
$$R = 1.0000$$

$$DL = 0.3189$$

$$BEC = 5.105$$

Weight: &lt;None&gt;

Min Conc: 0

**57 Fe [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      | 120.38     | 0.0031   | P    | 2.7 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 49.785     | 1090.82    | 0.0286   | P    | 6.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2622.736   | 51857.81   | 1.3479   | P    | 0.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 6403.573   | 127996.49  | 3.2864   | P    | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12809.518  | 255359.67  | 6.5710   | P    | 0.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 26077.329  | 504348.49  | 13.3740  | P    | 4.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 49817.059  | 978189.61  | 25.5463  | P    | 0.3 |
| 9 | <input type="checkbox"/> | 250000.00 | 249908.31  | 4825784.31 | 128.1411 | A    | 1.9 |

$$y = 5.1274E-004 * x + 0.0031$$

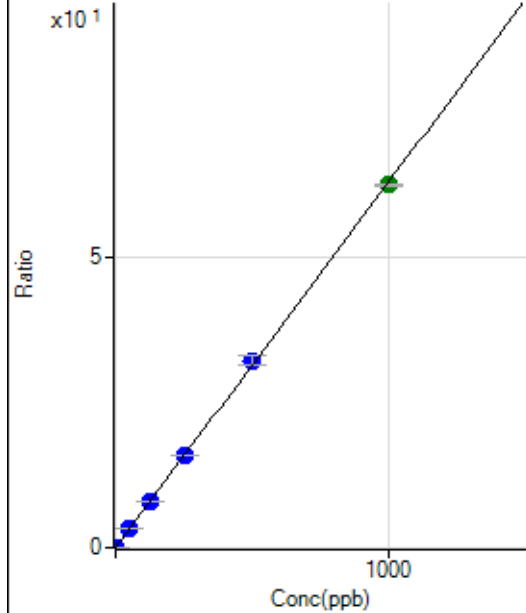
$$R = 1.0000$$

$$DL = 0.4933$$

$$BEC = 5.983$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 64.44      | 0.0016  | P    | 18.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.929      | 2286.90    | 0.0600  | P    | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 51.704     | 124973.99  | 3.2483  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.133    | 310964.41  | 7.9846  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 251.967    | 614865.22  | 15.8232 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 512.539    | 1213868.31 | 32.1852 | P    | 4.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.887    | 2387325.49 | 62.3475 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 4100.67    | 0.1089  | P    | 0.7  |

$$y = 0.0628 * x + 0.0016$$

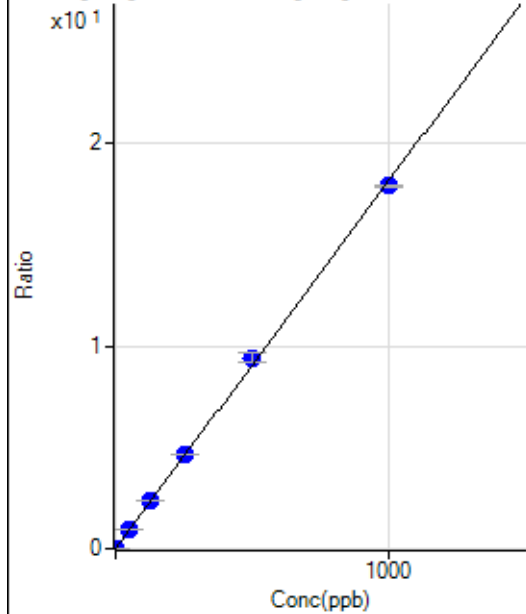
$$R = 0.9999$$

$$DL = 0.01476$$

$$BEC = 0.02617$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 114.45    | 0.0029  | P    | 21.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.999      | 802.26    | 0.0210  | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.677     | 36861.08  | 0.9581  | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 130.109    | 91990.03  | 2.3621  | P    | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 256.337    | 180728.87 | 4.6509  | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 520.286    | 355897.82 | 9.4369  | P    | 4.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.500    | 685738.38 | 17.9086 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 12090.97  | 0.3210  | P    | 1.9  |

$$y = 0.0181 * x + 0.0029$$

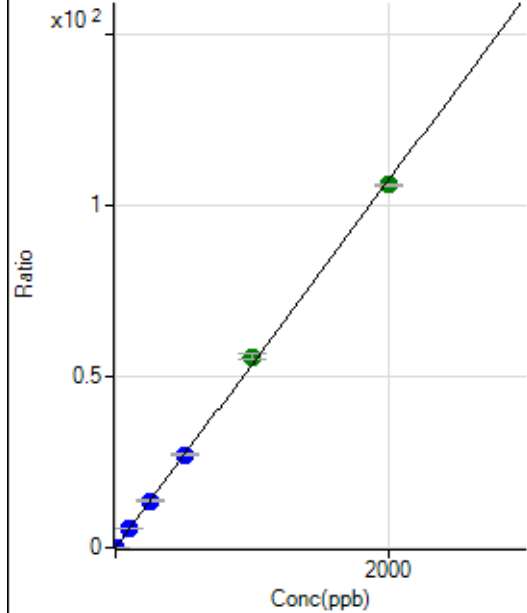
$$R = 0.9997$$

$$DL = 0.1059$$

$$BEC = 0.1611$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio    | Det. | RSD |
|---|--------------------------|----------|------------|------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 351.12     | 0.0089   | P    | 8.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.099      | 4637.52    | 0.1216   | P    | 0.9 |
| 4 | <input type="checkbox"/> | 100.000  | 103.851    | 214681.70  | 5.5800   | P    | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 255.399    | 533920.64  | 13.7097  | P    | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 506.103    | 1055345.50 | 27.1587  | P    | 1.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1042.198   | 2109415.96 | 55.9172  | A    | 3.7 |
| 8 | <input type="checkbox"/> | 2000.000 | 1976.508   | 4060361.71 | 106.0379 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 8801.81    | 0.2337   | P    | 2.4 |

$$y = 0.0536 * x + 0.0089$$

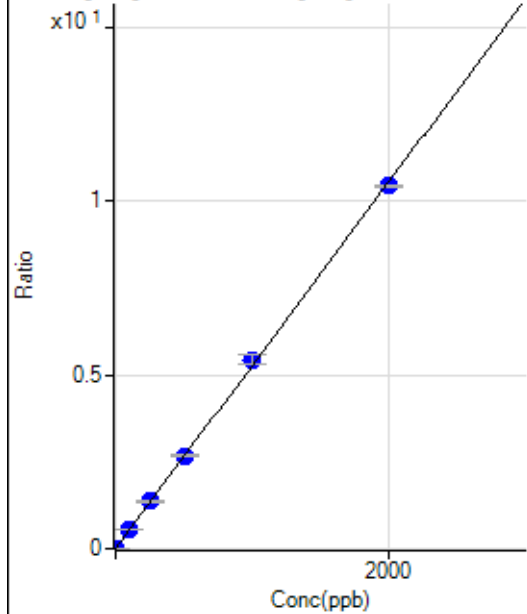
$$R = 0.9997$$

$$DL = 0.04284$$

$$BEC = 0.1667$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67     | 0.0017  | P    | 12.2 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.172      | 501.13    | 0.0131  | P    | 4.2  |
| 4 | <input type="checkbox"/> | 100.000  | 104.732    | 21297.69  | 0.5536  | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 257.568    | 52924.12  | 1.3589  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 506.413    | 103753.07 | 2.6702  | P    | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1032.950   | 205319.82 | 5.4446  | P    | 4.9  |
| 8 | <input type="checkbox"/> | 2000.000 | 1980.739   | 399713.36 | 10.4388 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 3428.27   | 0.0911  | P    | 5.3  |

$$y = 0.0053 * x + 0.0017$$

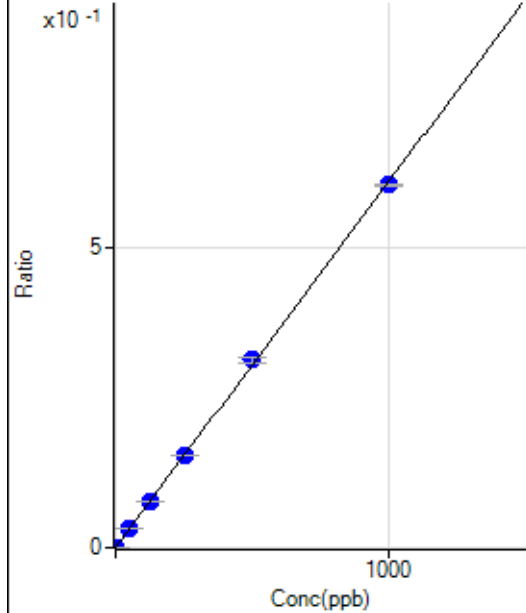
$$R = 0.9998$$

$$DL = 0.1182$$

$$BEC = 0.3222$$

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      | 10.49     | 0.0000 | P   | 36.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.916      | 145.06    | 0.0006 | P   | 10.0 |
| 4 | <input type="checkbox"/> | 50.000   | 51.190     | 7658.98   | 0.0313 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.637    | 19240.62  | 0.0774 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.215    | 37998.35  | 0.1536 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 514.547    | 76040.88  | 0.3145 | P   | 3.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.159    | 148594.48 | 0.6063 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 84.57     | 0.0003 | P   | 17.8 |

$$y = 6.1108\text{E-}004 * x + 4.2825\text{E-}005$$

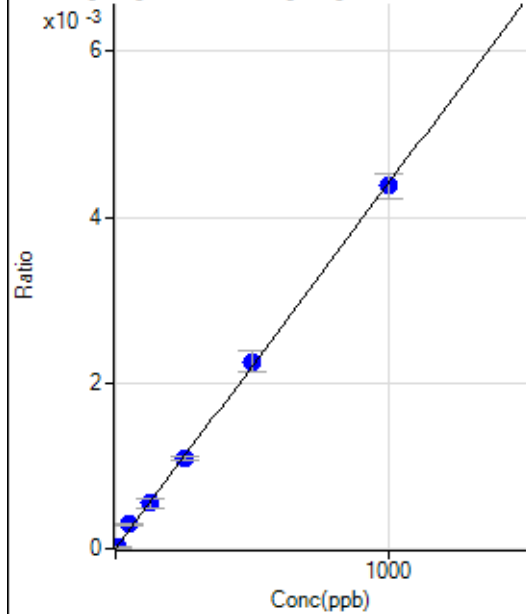
$$R = 0.9998$$

$$DL = 0.0776$$

$$BEC = 0.07008$$

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      | 0.00    | 0.0000 | P   |       |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.121      | 4.44    | 0.0000 | P   | 114.0 |
| 4 | <input type="checkbox"/> | 50.000   | 67.029     | 72.22   | 0.0003 | P   | 10.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.664    | 136.67  | 0.0005 | P   | 20.3  |
| 6 | <input type="checkbox"/> | 250.000  | 247.651    | 270.01  | 0.0011 | P   | 5.3   |
| 7 | <input type="checkbox"/> | 500.000  | 513.211    | 545.58  | 0.0023 | P   | 11.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.177    | 1072.28 | 0.0044 | P   | 6.6   |
| 9 | <input type="checkbox"/> |          |            | 1.11    | 0.0000 | P   | 173.2 |

$$y = 4.4058\text{E-}006 * x + 0.0000\text{E+}000$$

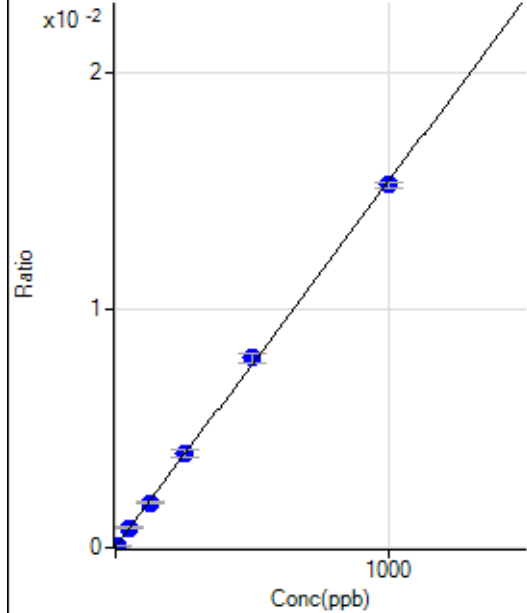
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.79    | 0.0000 | P   | 56.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.694      | 24.07   | 0.0001 | P   | 18.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.244     | 203.09  | 0.0008 | P   | 10.0 |
| 5 | <input type="checkbox"/> | 125.000  | 120.044    | 465.45  | 0.0019 | P   | 4.5  |
| 6 | <input type="checkbox"/> | 250.000  | 255.681    | 979.68  | 0.0040 | P   | 6.6  |
| 7 | <input type="checkbox"/> | 500.000  | 517.386    | 1929.79 | 0.0080 | P   | 4.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.396    | 3738.81 | 0.0153 | P   | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 7.41    | 0.0000 | P   | 45.2 |

$$y = 1.5376E-005 * x + 2.7703E-005$$

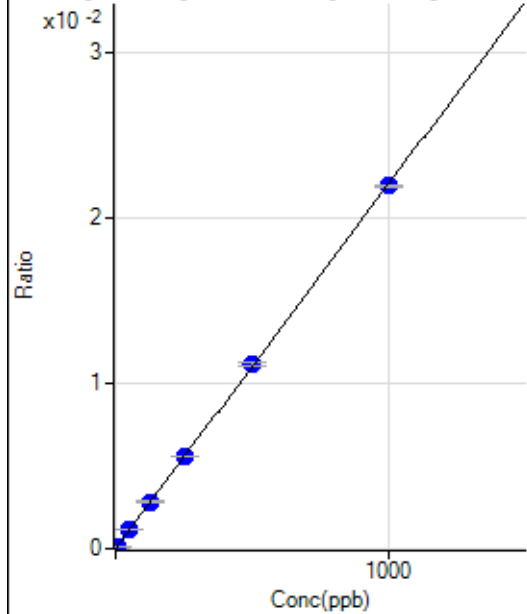
$$R = 0.9997$$

$$DL = 3.074$$

$$BEC = 1.802$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD   |
|---|--------------------------|----------|------------|-----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -56.02    | 0.0000 | P   | -130. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.726      | 452.74    | 0.0001 | P   | 18.3  |
| 4 | <input type="checkbox"/> | 50.000   | 53.098     | 5566.52   | 0.0012 | P   | 2.3   |
| 5 | <input type="checkbox"/> | 125.000  | 128.635    | 13850.67  | 0.0028 | P   | 1.1   |
| 6 | <input type="checkbox"/> | 250.000  | 253.405    | 28032.26  | 0.0056 | P   | 1.7   |
| 7 | <input type="checkbox"/> | 500.000  | 506.658    | 57035.32  | 0.0112 | P   | 1.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 995.212    | 113127.93 | 0.0219 | P   | 0.2   |
| 9 | <input type="checkbox"/> |          |            | 97.77     | 0.0000 | P   | 37.3  |

$$y = 2.2043E-005 * x - 1.1374E-005$$

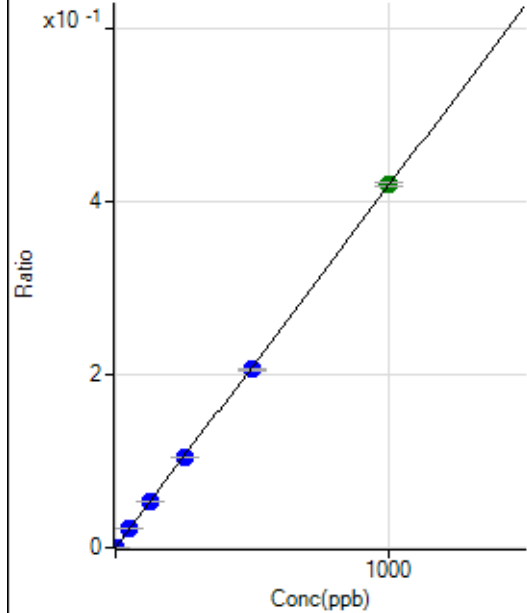
$$R = 1.0000$$

$$DL = 2.018$$

$$BEC = -0.516$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1000.08    | 0.0002 | P   | 4.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.982      | 3000.48    | 0.0006 | P   | 5.0 |
| 4 | <input type="checkbox"/> | 50.000   | 51.570     | 104492.64  | 0.0218 | P   | 4.3 |
| 5 | <input type="checkbox"/> | 125.000  | 126.845    | 261163.93  | 0.0533 | P   | 1.6 |
| 6 | <input type="checkbox"/> | 250.000  | 250.451    | 527767.06  | 0.1049 | P   | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 493.408    | 1055964.90 | 0.2066 | P   | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.874   | 2165105.43 | 0.4196 | A   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 76372.17   | 0.0145 | P   | 0.3 |

$$y = 4.1823\text{E-}004 * x + 2.0389\text{E-}004$$

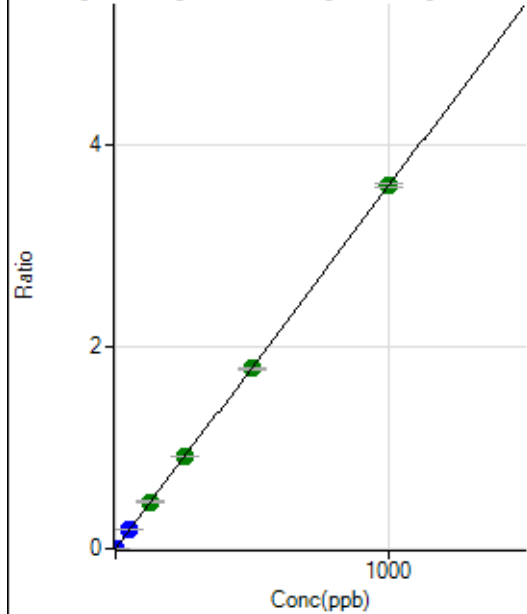
$$R = 1.0000$$

$$DL = 0.0679$$

$$BEC = 0.4875$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 319.47      | 0.0001 | P   | 28.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.919      | 16441.20    | 0.0034 | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.651     | 891737.06   | 0.1857 | P   | 2.9  |
| 5 | <input type="checkbox"/> | 125.000  | 129.328    | 2280295.93  | 0.4650 | A   | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 253.286    | 4579366.38  | 0.9106 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 496.766    | 9129743.95  | 1.7859 | A   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.172   | 18550647.64 | 3.5956 | A   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 654111.52   | 0.1240 | P   | 1.3  |

$$y = 0.0036 * x + 6.5067\text{E-}005$$

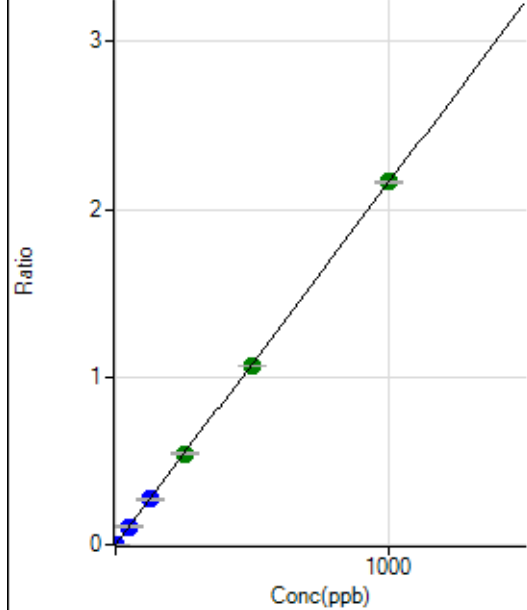
$$R = 1.0000$$

$$DL = 0.01529$$

$$BEC = 0.0181$$

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      | 400.03      | 0.0001 | P    | 18.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 10145.86    | 0.0021 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.079     | 519318.19   | 0.1082 | P    | 3.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.910    | 1322806.87  | 0.2697 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 252.319    | 2739387.24  | 0.5447 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 493.942    | 5451375.34  | 1.0663 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.457   | 11164991.66 | 2.1640 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 3470.03     | 0.0007 | P    | 4.9  |

$$y = 0.0022 * x + 8.1593E-005$$

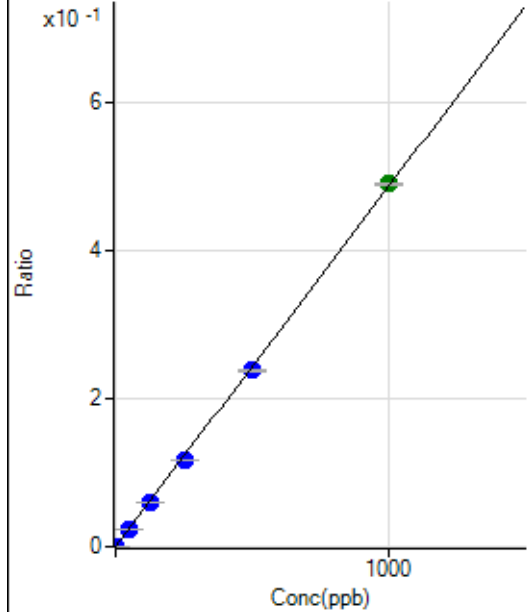
$$R = 1.0000$$

$$DL = 0.02144$$

$$BEC = 0.0378$$

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      | 86.12      | 0.0000 | P    | 53.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.901      | 2225.28    | 0.0005 | P    | 4.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.724     | 116176.77  | 0.0242 | P    | 3.8  |
| 5 | <input type="checkbox"/> | 125.000  | 122.992    | 293492.46  | 0.0598 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 242.490    | 593254.99  | 0.1180 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 489.298    | 1216800.21 | 0.2380 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.494   | 2528420.06 | 0.4901 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 763.94     | 0.0001 | P    | 3.0  |

$$y = 4.8641E-004 * x + 1.7583E-005$$

$$R = 0.9999$$

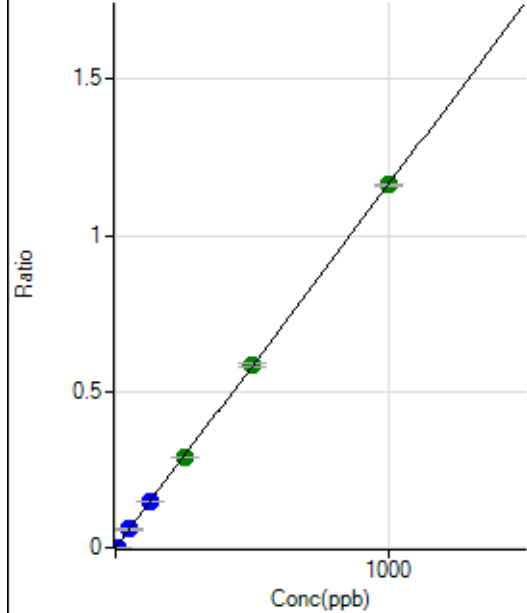
$$DL = 0.05808$$

$$BEC = 0.03615$$

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      | 186.12     | 0.0000 | P    | 5.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 2.054      | 11852.95   | 0.0024 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.811     | 283899.56  | 0.0591 | P    | 3.2 |
| 5 | <input type="checkbox"/> | 125.000  | 125.518    | 716218.10  | 0.1460 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 249.903    | 1461966.70 | 0.2907 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 502.529    | 2988306.58 | 0.5846 | A    | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.669    | 5993295.49 | 1.1616 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 10807.45   | 0.0020 | P    | 3.8 |

$$y = 0.0012 * x + 3.7952E-005$$

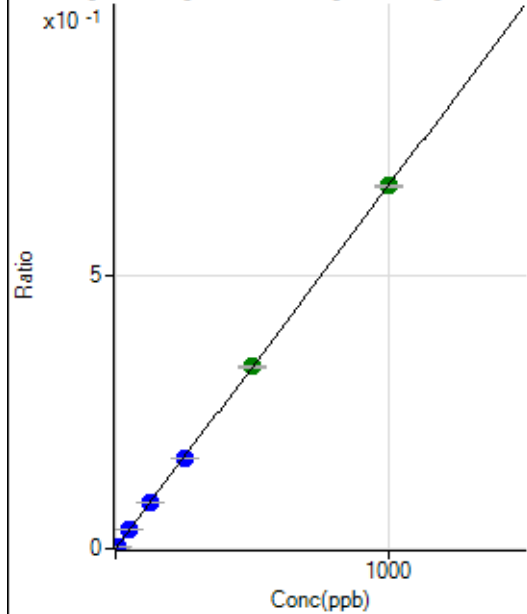
$$R = 1.0000$$

$$DL = 0.005553$$

$$BEC = 0.03263$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 97.23      | 0.0000 | P    | 25.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.455      | 14600.08   | 0.0030 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.413     | 164645.77  | 0.0343 | P    | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.473    | 413649.30  | 0.0843 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 249.005    | 834967.13  | 0.1660 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 501.246    | 1708640.60 | 0.3342 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.374    | 3437843.74 | 0.6663 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 16947.42   | 0.0032 | P    | 0.8  |

$$y = 6.6673E-004 * x + 1.9830E-005$$

$$R = 1.0000$$

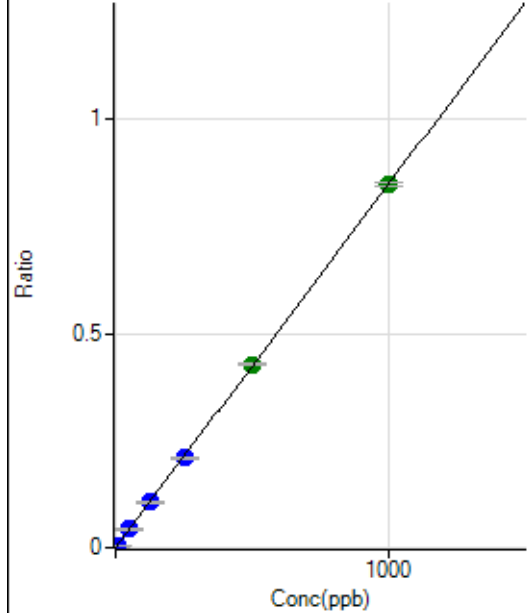
$$DL = 0.0223$$

$$BEC = 0.02974$$

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      | 119.45     | 0.0000 | P    | 4.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 3.880      | 16185.38   | 0.0033 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 50.752     | 206763.65  | 0.0431 | P    | 3.2 |
| 5 | <input type="checkbox"/> | 125.000  | 124.670    | 518684.73  | 0.1058 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 246.656    | 1052138.52 | 0.2092 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 505.261    | 2190922.86 | 0.4286 | A    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.215    | 4368278.09 | 0.8467 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 19598.35   | 0.0037 | P    | 2.4 |

$$y = 8.4816\text{E-}004 * x + 2.4355\text{E-}005$$

$$R = 1.0000$$

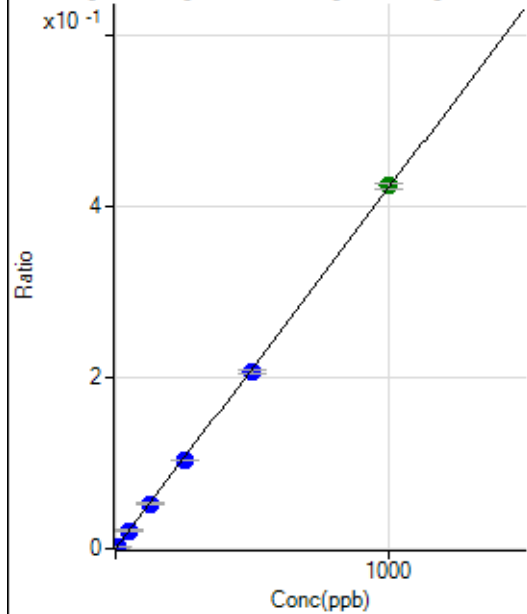
$$DL = 0.003749$$

$$BEC = 0.02871$$

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      | 113.89     | 0.0000 | P    | 14.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.352      | 9058.99    | 0.0019 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.576     | 102313.14  | 0.0213 | P    | 4.1  |
| 5 | <input type="checkbox"/> | 125.000  | 124.558    | 257294.64  | 0.0525 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 245.302    | 519473.64  | 0.1033 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 491.410    | 1057723.70 | 0.2069 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.499   | 2184250.33 | 0.4233 | A    | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 10457.30   | 0.0020 | P    | 4.1  |

$$y = 4.2101\text{E-}004 * x + 2.3208\text{E-}005$$

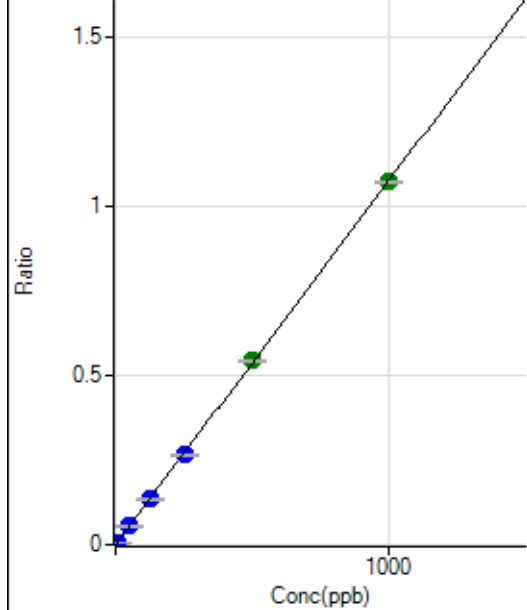
$$R = 0.9999$$

$$DL = 0.02432$$

$$BEC = 0.05512$$

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      | 136.12     | 0.0000 | P    | 30.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.322      | 22811.79   | 0.0047 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.694     | 261700.14  | 0.0545 | P    | 3.4  |
| 5 | <input type="checkbox"/> | 125.000  | 124.810    | 658052.21  | 0.1342 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 246.879    | 1334583.65 | 0.2654 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 505.883    | 2779791.68 | 0.5438 | A    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.831    | 5533750.99 | 1.0725 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 26432.23   | 0.0050 | P    | 0.4  |

$$y = 0.0011 * x + 2.7729E-005$$

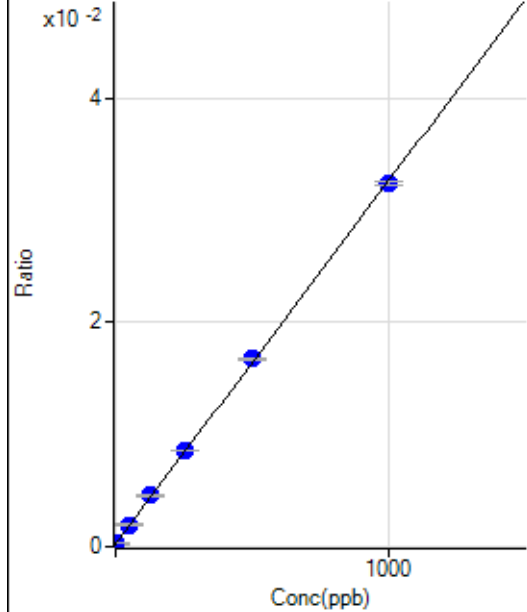
$$R = 1.0000$$

$$DL = 0.02354$$

$$BEC = 0.0258$$

Weight: &lt;None&gt;

Min Conc: 0

**106 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      | 1144.55   | 0.0002 | P    | 9.1  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.048      | 1314.01   | 0.0003 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 52.727     | 9398.11   | 0.0019 | P    | 5.1  |
| 5 | <input type="checkbox"/> | 125.000  | 134.360    | 22530.84  | 0.0046 | P    | 5.6  |
| 6 | <input type="checkbox"/> | 250.000  | 257.500    | 43568.64  | 0.0086 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 509.666    | 87978.55  | 0.0167 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.985    | 175129.70 | 0.0324 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 1244.56   | 0.0002 | P    | 16.8 |

$$y = 3.2386E-005 * x + 2.3799E-004$$

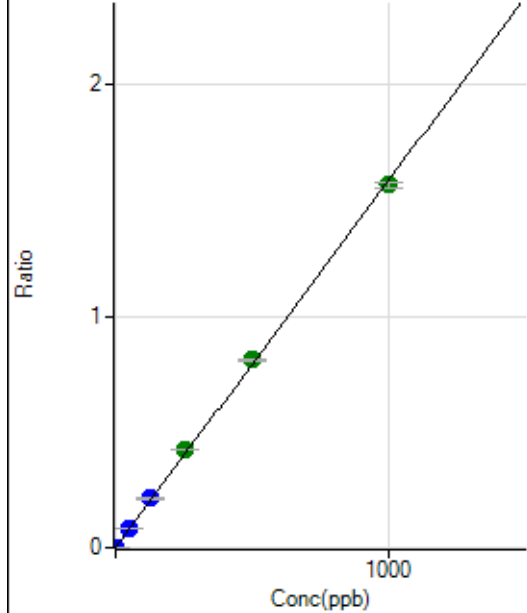
$$R = 0.9999$$

$$DL = 2.013$$

$$BEC = 7.349$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.00      | 0.0000 | P   | 56.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.158      | 8961.67    | 0.0019 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.246     | 416199.88  | 0.0861 | P   | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 134.282    | 1046714.37 | 0.2132 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 266.010    | 2144932.43 | 0.4223 | A   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 512.631    | 4275615.20 | 0.8137 | A   | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.309    | 8489031.70 | 1.5688 | A   | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 1805.76    | 0.0003 | P   | 4.2  |

$$y = 0.0016 * x + 1.5653E-005$$

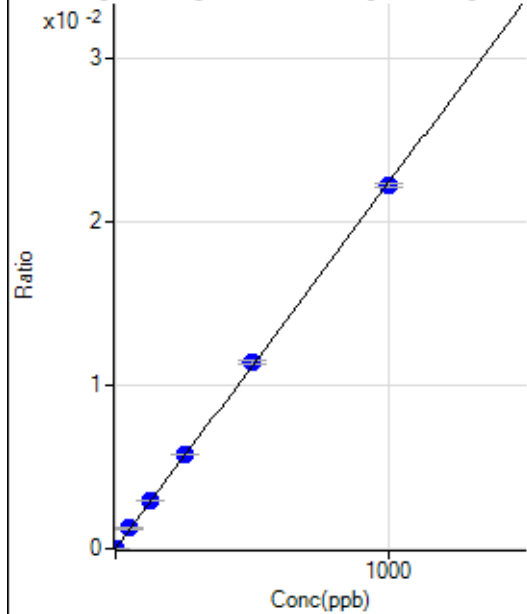
$$R = 0.9997$$

$$DL = 0.01669$$

$$BEC = 0.009861$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56      | 0.0000 | P   | 44.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.115      | 126.39    | 0.0000 | P   | 30.8 |
| 4 | <input type="checkbox"/> | 50.000   | 55.679     | 6029.25   | 0.0012 | P   | 3.2  |
| 5 | <input type="checkbox"/> | 125.000  | 133.033    | 14630.41  | 0.0030 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 258.357    | 29386.53  | 0.0058 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.047    | 59883.92  | 0.0114 | P   | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.099    | 120192.55 | 0.0222 | P   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 51.39     | 0.0000 | P   | 9.9  |

$$y = 2.2388E-005 * x + 1.1584E-006$$

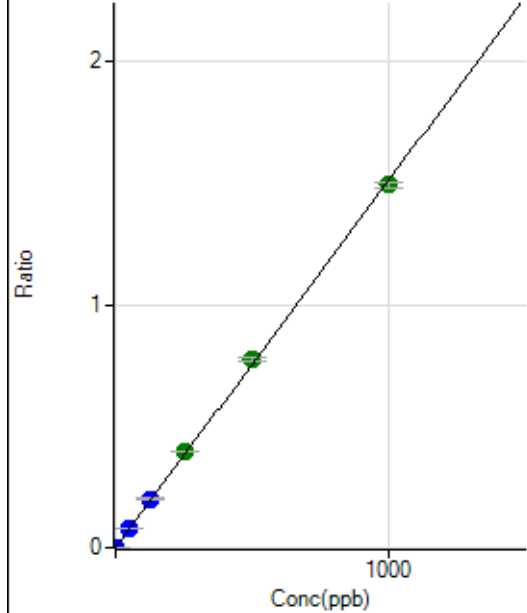
$$R = 0.9999$$

$$DL = 0.06878$$

$$BEC = 0.05174$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P    | 41.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.165      | 8544.77    | 0.0018 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 53.637     | 391492.87  | 0.0810 | P    | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 133.142    | 987318.87  | 0.2011 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 263.296    | 2019698.85 | 0.3976 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 514.350    | 4080992.06 | 0.7767 | A    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.301    | 8075610.25 | 1.4924 | A    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 1697.41    | 0.0003 | P    | 8.5  |

$$y = 0.0015 * x + 8.6872E-006$$

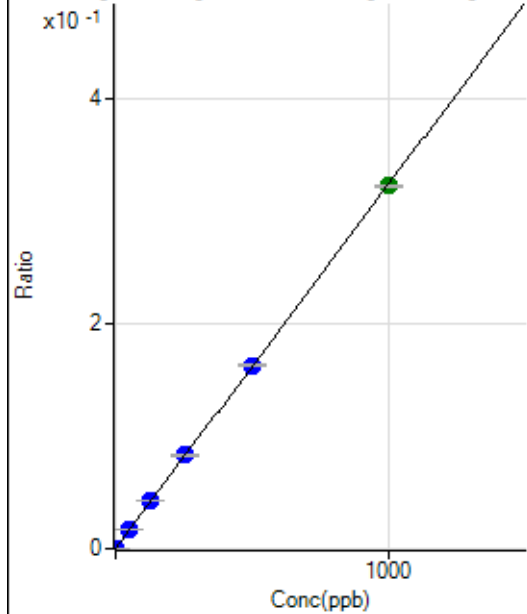
$$R = 0.9997$$

$$DL = 0.007071$$

$$BEC = 0.005753$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 807.02     | 0.0002 | P    | 9.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.909      | 2231.44    | 0.0005 | P    | 7.6  |
| 4 | <input type="checkbox"/> | 50.000   | 53.136     | 83846.34   | 0.0174 | P    | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.969    | 210374.22  | 0.0428 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 256.835    | 422710.34  | 0.0832 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 502.710    | 854991.32  | 0.1627 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.908    | 1743525.40 | 0.3222 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1271.35    | 0.0002 | P    | 12.2 |

$$y = 3.2336E-004 * x + 1.6781E-004$$

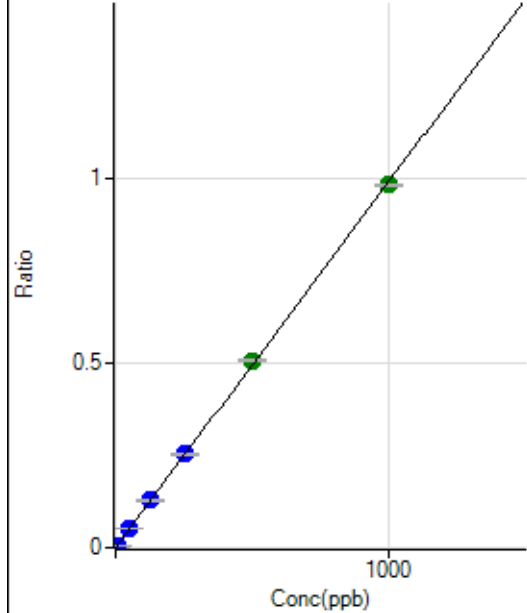
$$R = 1.0000$$

$$DL = 0.1503$$

$$BEC = 0.519$$

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      | 561.15     | 0.0001 | P   | 11.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.667      | 22934.31   | 0.0047 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.217     | 250908.66  | 0.0519 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 129.025    | 629006.81  | 0.1281 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 255.397    | 1287454.15 | 0.2535 | P   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 511.238    | 2665176.27 | 0.5072 | A   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.419    | 5327546.34 | 0.9845 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 7319.03    | 0.0013 | P   | 1.5  |

$$y = 9.9193\text{E-}004 * x + 1.1657\text{E-}004$$

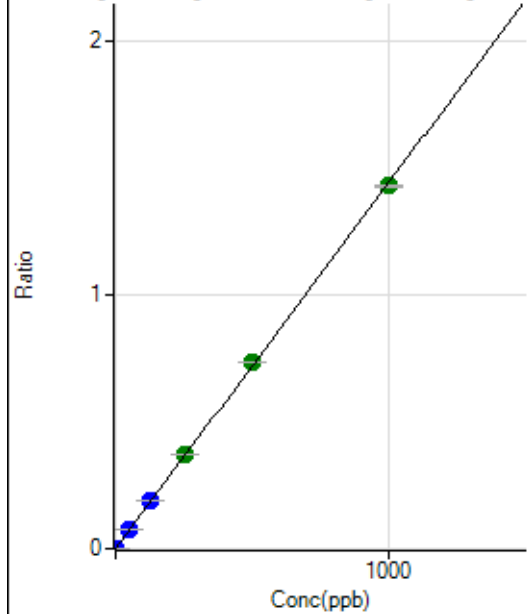
$$R = 0.9999$$

$$DL = 0.0406$$

$$BEC = 0.1175$$

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      | 50.00      | 0.0000 | P   | 49.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.907      | 13304.38   | 0.0028 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.559     | 365433.57  | 0.0756 | P   | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 130.922    | 924748.55  | 0.1883 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 258.278    | 1886982.88 | 0.3715 | A   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 509.489    | 3850603.34 | 0.7328 | A   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.318    | 7723459.29 | 1.4273 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 18260.38   | 0.0034 | P   | 0.1  |

$$y = 0.0014 * x + 1.0379\text{E-}005$$

$$R = 0.9999$$

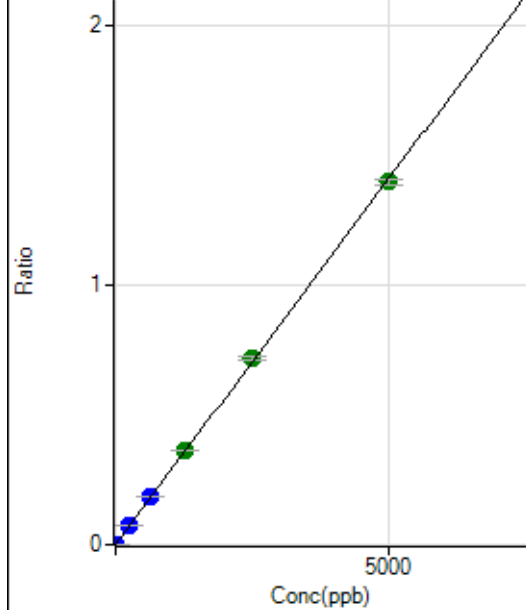
$$DL = 0.01069$$

$$BEC = 0.007216$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78      | 0.0000 | P    | 7.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 9.010      | 12322.97   | 0.0026 | P    | 2.8 |
| 4 | <input type="checkbox"/> | 250.000  | 260.304    | 353895.24  | 0.0732 | P    | 2.0 |
| 5 | <input type="checkbox"/> | 625.000  | 649.826    | 897541.79  | 0.1828 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 1250.000 | 1296.154   | 1851719.79 | 0.3645 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 2500.000 | 2548.745   | 3766303.99 | 0.7168 | A    | 1.2 |
| 8 | <input type="checkbox"/> | 5000.000 | 4960.472   | 7549122.56 | 1.3951 | A    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 3603.45    | 0.0007 | P    | 4.1 |

$$y = 2.8123\text{E-}004 * x + 1.6176\text{E-}005$$

$$R = 0.9999$$

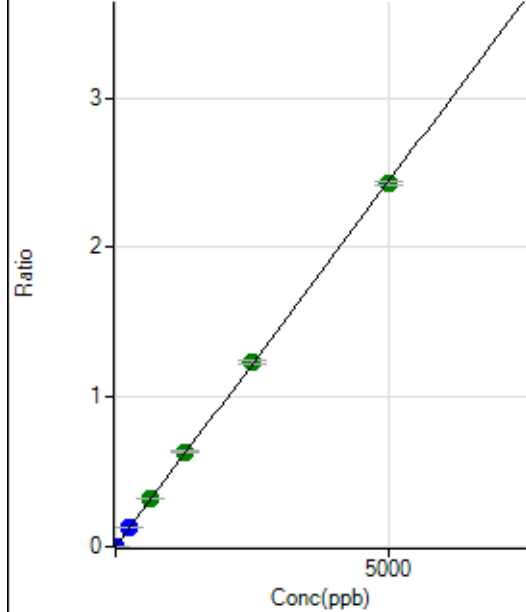
$$DL = 0.01243$$

$$BEC = 0.05752$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.00      | 0.0000 | P    | 50.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.257      | 21946.85    | 0.0045 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 250.000  | 262.768    | 620202.23   | 0.1283 | P    | 3.0  |
| 5 | <input type="checkbox"/> | 625.000  | 659.929    | 1582768.57  | 0.3223 | A    | 1.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1299.122   | 3222709.45  | 0.6345 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2530.099   | 6492341.81  | 1.2356 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4967.667   | 13128008.80 | 2.4260 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 6535.25     | 0.0012 | P    | 2.2  |

$$y = 4.8836\text{E-}004 * x + 2.0776\text{E-}005$$

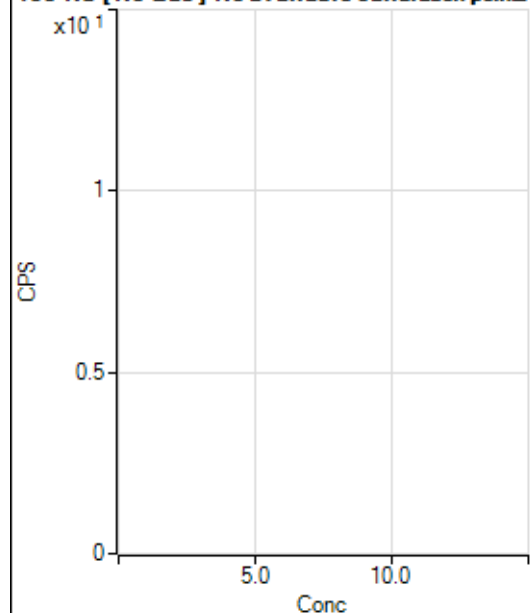
$$R = 0.9999$$

$$DL = 0.06453$$

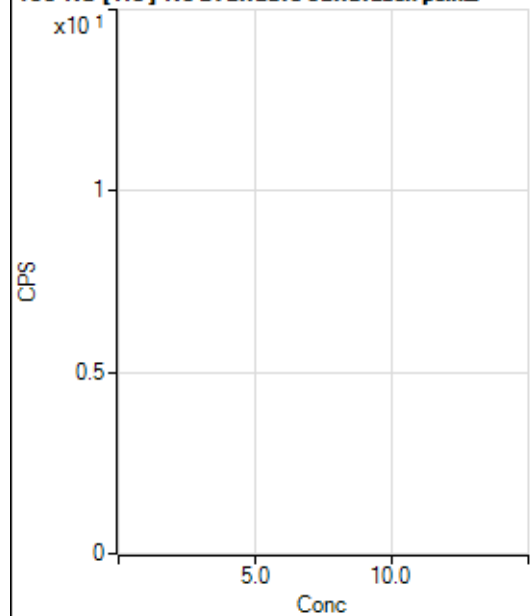
$$BEC = 0.04254$$

Weight: &lt;None&gt;

Min Conc: 0

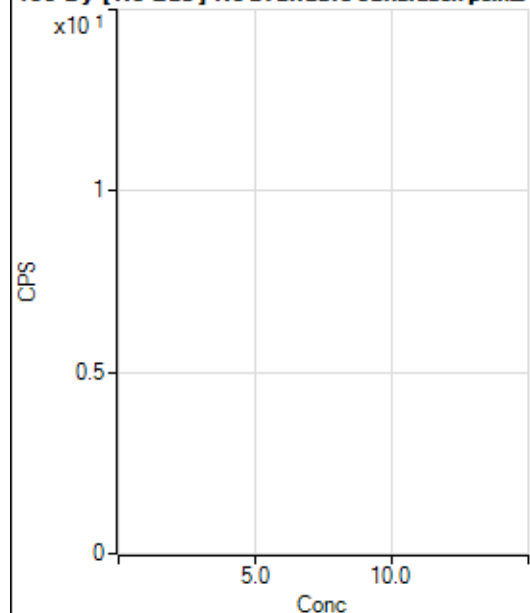
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 107.9 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 13.33  |       | P        | 86.6  |
| 4 | <input type="checkbox"/> |       |            | 24.45  |       | P        | 31.5  |
| 5 | <input type="checkbox"/> |       |            | 46.67  |       | P        | 51.5  |
| 6 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 17.8  |
| 7 | <input type="checkbox"/> |       |            | 137.78 |       | P        | 7.4   |
| 8 | <input type="checkbox"/> |       |            | 306.68 |       | P        | 8.7   |
| 9 | <input type="checkbox"/> |       |            | 95.56  |       | P        | 52.4  |

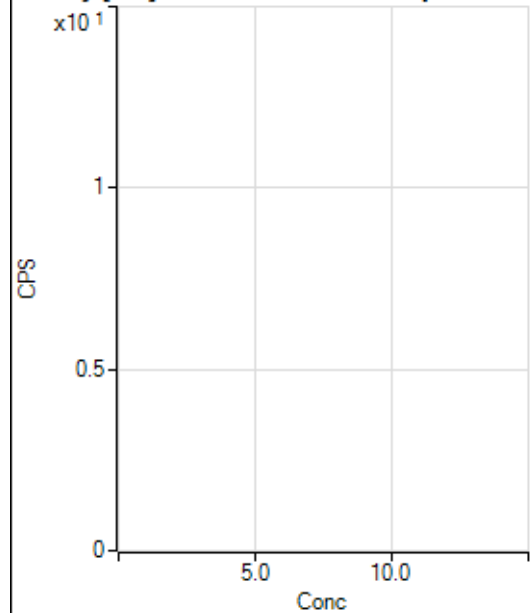
**150 Nd [ He ] No available calibration points**

|   | 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"/> |       |            | 2.22  |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 7 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3  |
| 8 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 0.0   |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 75.0  |

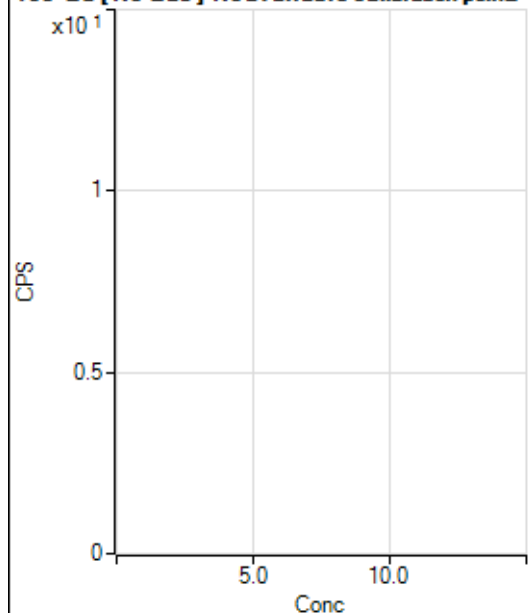


**156 Dy [ No Gas ] No available calibration points**

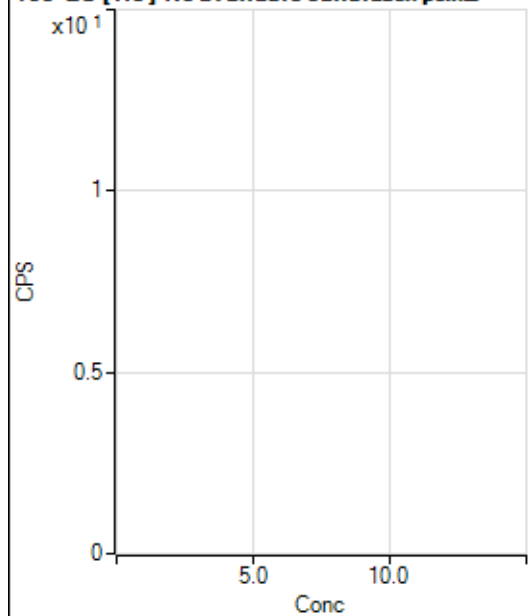
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 24.7 |
| 4 | <input type="checkbox"/> |       |            | 30.56  |       | P        | 63.0 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 35.3 |
| 6 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 0.0  |
| 7 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 19.9 |
| 8 | <input type="checkbox"/> |       |            | 152.79 |       | P        | 25.8 |
| 9 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 35.7 |

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

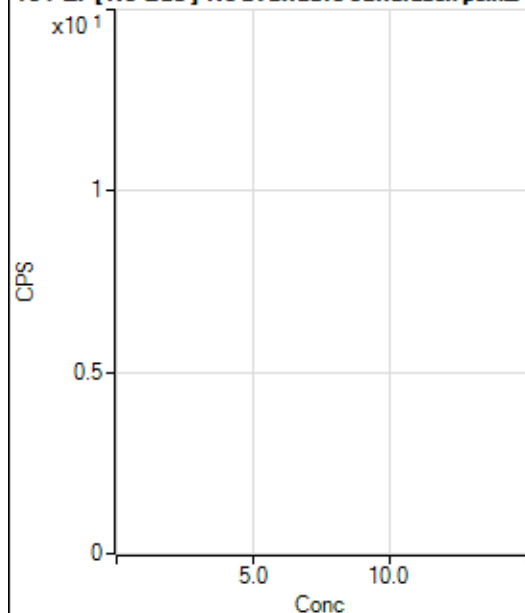
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4  |
| 5 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114.6 |
| 7 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3  |
| 8 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 20.4  |
| 9 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 28.6  |

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

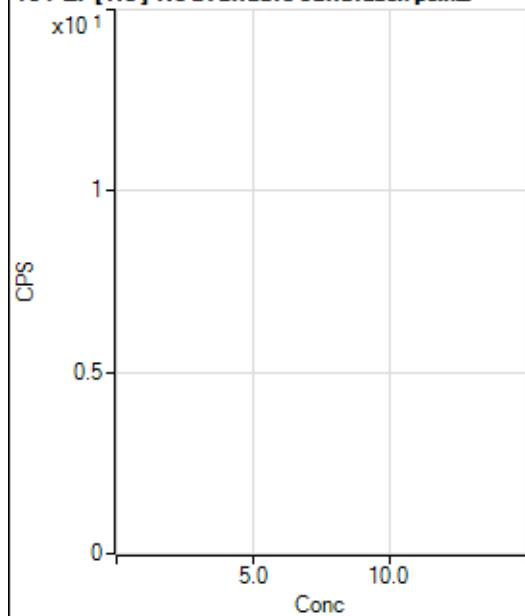
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 49.5 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 45.1 |
| 7 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 27.0 |
| 8 | <input type="checkbox"/> |       |            | 91.67  |       | P        | 24.1 |
| 9 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 17.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 75.5 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 66.6 |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 5 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 6 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 75.8 |
| 7 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0 |
| 8 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 35.2 |
| 9 | <input type="checkbox"/> |       |            | 36.67 |       | P        | 27.3 |

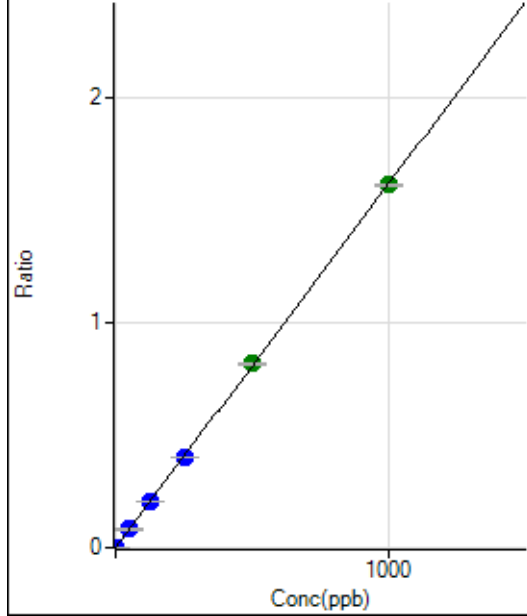
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 114.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 12.4  |
| 4 | <input type="checkbox"/> |       |            | 8.33  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 13.89 |       | P        | 91.6  |
| 6 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 88.2  |
| 7 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 50.0  |
| 8 | <input type="checkbox"/> |       |            | 77.78 |       | P        | 44.6  |
| 9 | <input type="checkbox"/> |       |            | 66.67 |       | P        | 25.0  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 124.9 |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0  |
| 5 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6  |
| 6 | <input type="checkbox"/> |       |            | 14.45 |       | P        | 74.2  |
| 7 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 50.0  |
| 8 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 57.3  |
| 9 | <input type="checkbox"/> |       |            | 13.34 |       | P        | 43.3  |

203 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      | 63.89      | 0.0000 | P    | 14.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.912      | 3900.77    | 0.0015 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.947     | 213364.71  | 0.0825 | P    | 5.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.282    | 541908.97  | 0.2029 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 247.974    | 1119526.52 | 0.4015 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 505.947    | 2333633.58 | 0.8192 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.450    | 4755250.80 | 1.6150 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 3295.02    | 0.0012 | P    | 4.8  |

$$y = 0.0016 * x + 2.3947E-005$$

$$R = 1.0000$$

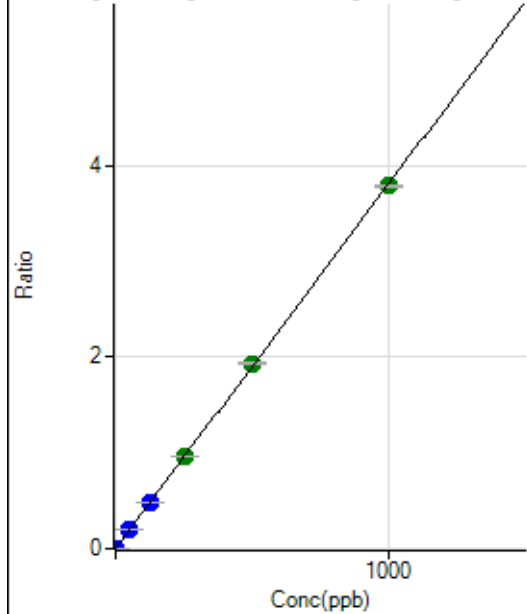
$$DL = 0.006561$$

$$BEC = 0.01479$$

Weight: &lt;None&gt;

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      | 141.67      | 0.0001 | P    | 26.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.938      | 9420.56     | 0.0036 | P    | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.831     | 510168.90   | 0.1973 | P    | 5.9  |
| 5 | <input type="checkbox"/> | 125.000  | 127.262    | 1294030.46  | 0.4844 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 253.587    | 2691080.64  | 0.9652 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.161    | 5498969.31  | 1.9303 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.148    | 11152543.48 | 3.7876 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 7716.57     | 0.0027 | P    | 6.3  |

$$y = 0.0038 * x + 5.3060E-005$$

$$R = 1.0000$$

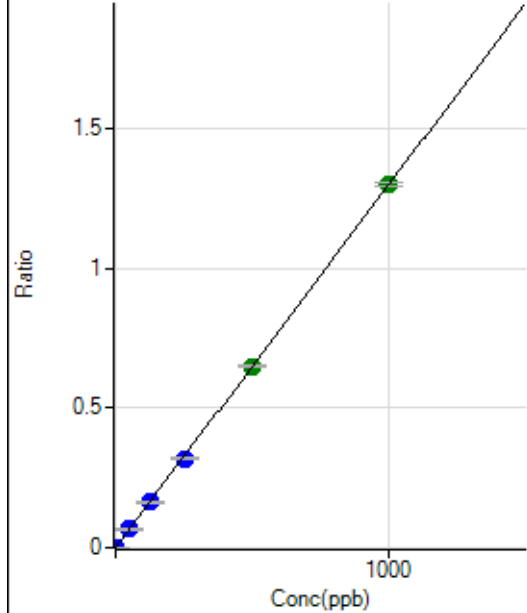
$$DL = 0.01105$$

$$BEC = 0.01394$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 235.20     | 0.0001 | P   | 6.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.080      | 3874.79    | 0.0015 | P   | 2.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.170     | 172023.19  | 0.0665 | P   | 6.2 |
| 5 | <input type="checkbox"/> | 125.000  | 125.177    | 434474.84  | 0.1626 | P   | 1.7 |
| 6 | <input type="checkbox"/> | 250.000  | 246.446    | 892597.15  | 0.3201 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 500.913    | 1853338.68 | 0.6506 | A   | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.351   | 3825252.69 | 1.2992 | A   | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 8560.52    | 0.0030 | P   | 1.0 |

$$y = 0.0013 * x + 8.8195E-005$$

$$R = 1.0000$$

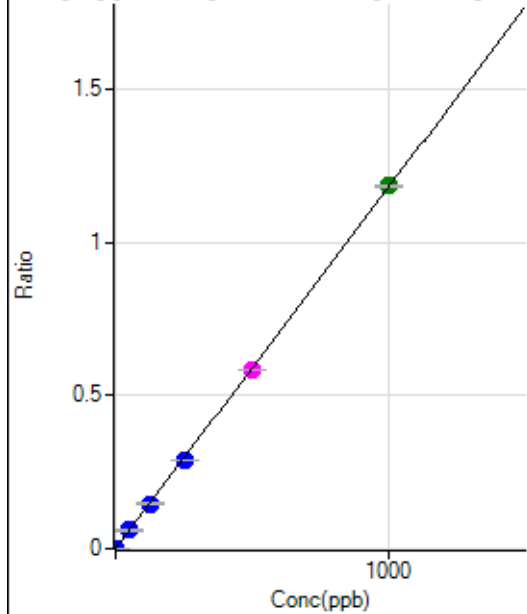
$$DL = 0.01334$$

$$BEC = 0.06791$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 196.30     | 0.0001 | P   | 3.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.111      | 3598.77    | 0.0014 | P   | 4.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.620     | 154539.69  | 0.0598 | P   | 6.2 |
| 5 | <input type="checkbox"/> | 125.000  | 124.905    | 393731.99  | 0.1474 | P   | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 245.455    | 807388.31  | 0.2896 | P   | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 494.878    | 1662946.25 | 0.5838 | M   | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.678   | 3485882.43 | 1.1839 | A   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 7372.71    | 0.0026 | P   | 4.0 |

$$y = 0.0012 * x + 7.3582E-005$$

$$R = 1.0000$$

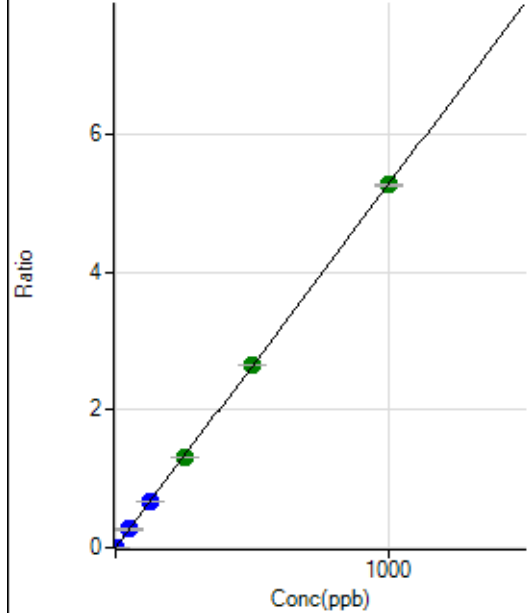
$$DL = 0.007075$$

$$BEC = 0.06239$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1059.31     | 0.0004 | P   | 1.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.118      | 16332.44    | 0.0063 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.091     | 696732.50   | 0.2694 | P   | 5.3 |
| 5 | <input type="checkbox"/> | 125.000  | 125.428    | 1765506.85  | 0.6609 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 249.480    | 3664181.42  | 1.3142 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 502.699    | 7542439.76  | 2.6476 | A   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.672    | 15486490.39 | 5.2595 | A   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 33920.54    | 0.0119 | P   | 2.6 |

$$y = 0.0053 * x + 3.9712E-004$$

$$R = 1.0000$$

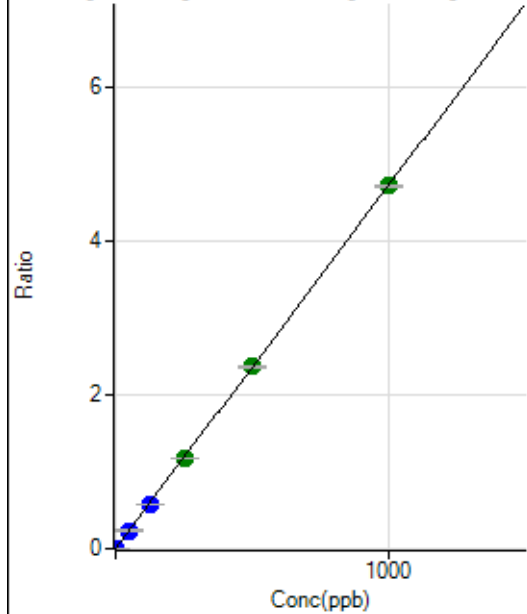
$$DL = 0.003939$$

$$BEC = 0.07541$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 188.90      | 0.0001 | P   | 15.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.860      | 10755.14    | 0.0041 | P   | 2.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.095     | 613039.90   | 0.2370 | P   | 3.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.935    | 1566191.80  | 0.5862 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.964    | 3296420.76  | 1.1822 | A   | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 502.414    | 6768831.92  | 2.3762 | A   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.931    | 13910789.37 | 4.7244 | A   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 3439.54     | 0.0012 | P   | 1.0  |

$$y = 0.0047 * x + 7.0816E-005$$

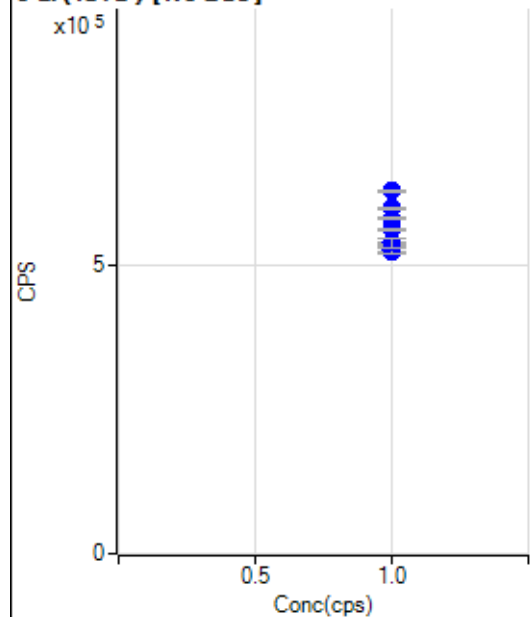
$$R = 1.0000$$

$$DL = 0.006929$$

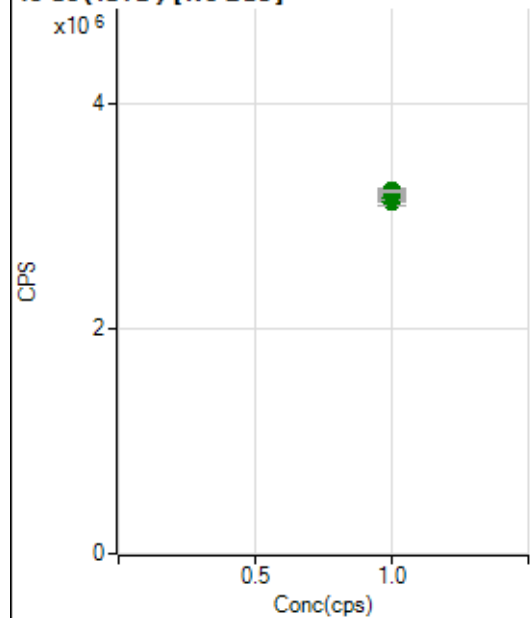
$$BEC = 0.01497$$

Weight: &lt;None&gt;

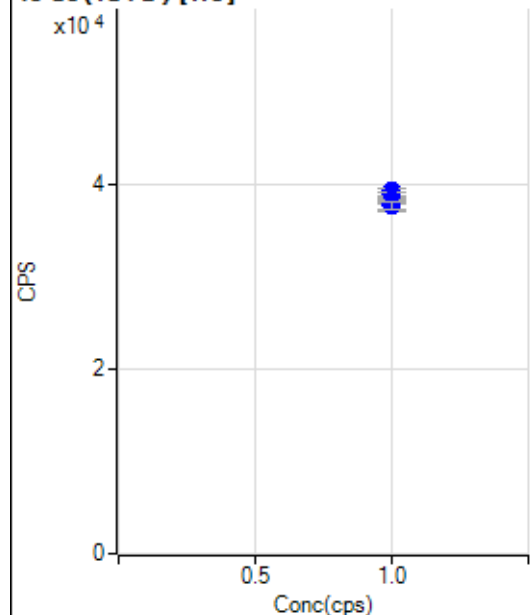
Min Conc: 0

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

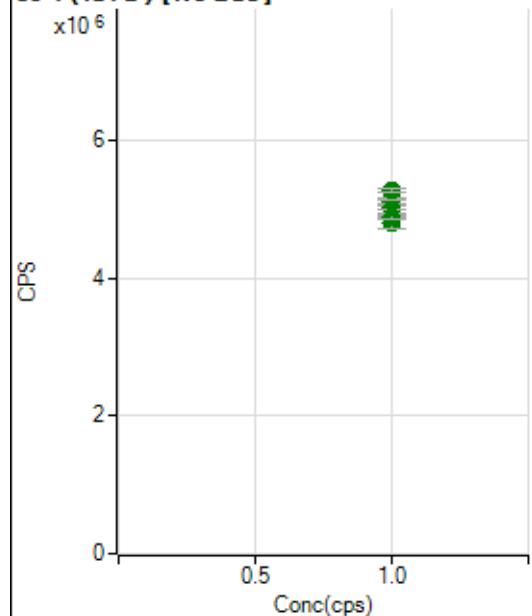
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 535938.11 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 520621.91 |       | P        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 525752.12 |       | P        | 3.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 536736.62 |       | P        | 2.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 560541.26 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 578706.20 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 596755.13 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 627020.42 |       | P        | 0.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3156894.02 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3166135.73 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3135682.25 |       | A        | 2.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3167831.99 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3213669.99 |       | A        | 0.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3231556.60 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3205064.79 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3222125.85 |       | A        | 0.6 |

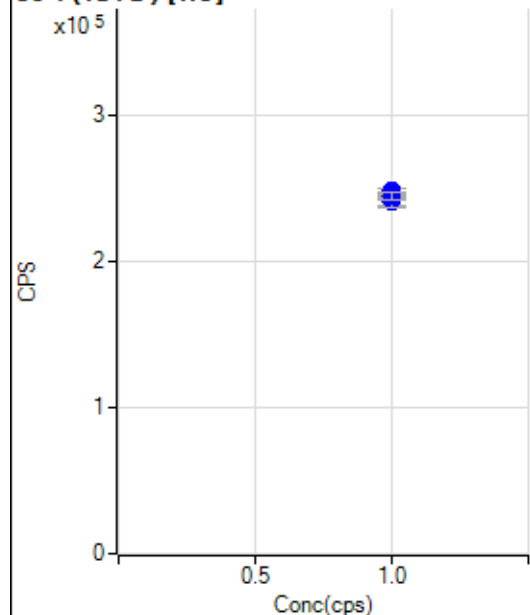
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 39240.40 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 38150.80 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 38473.92 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 38947.29 |       | P        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 38861.51 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 37765.40 |       | P        | 4.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 38291.07 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 37667.29 |       | P        | 1.9 |

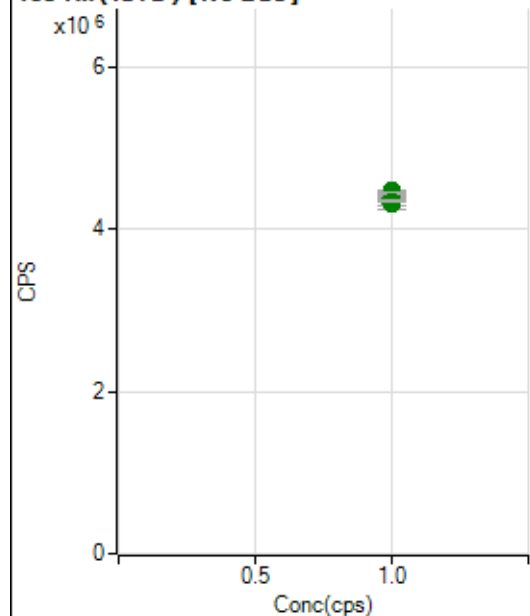
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4905106.49 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4882542.88 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4803826.91 |       | A        | 3.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4904733.40 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5029085.83 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5112613.54 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5159410.41 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5274050.75 |       | A        | 1.0 |

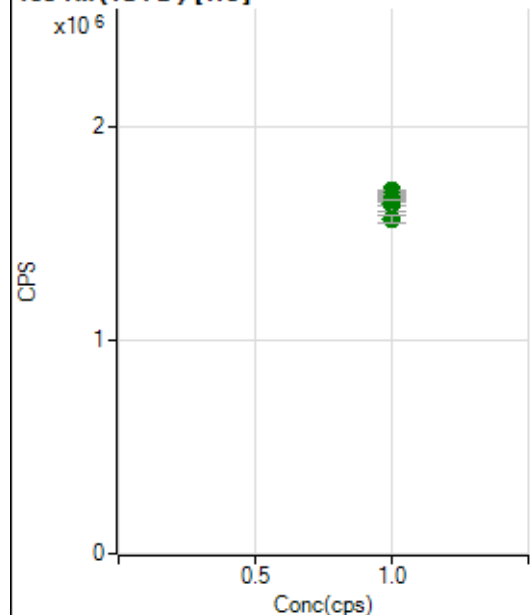


**89 Y(ISTD) [He]**

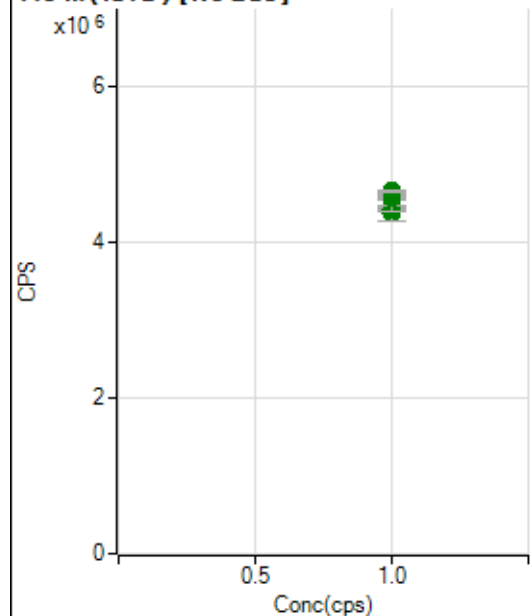
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 245123.44 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 240615.12 |       | P        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 244518.35 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 248503.17 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 247456.89 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 242007.05 |       | P        | 3.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 245074.81 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 244581.12 |       | P        | 2.0 |

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

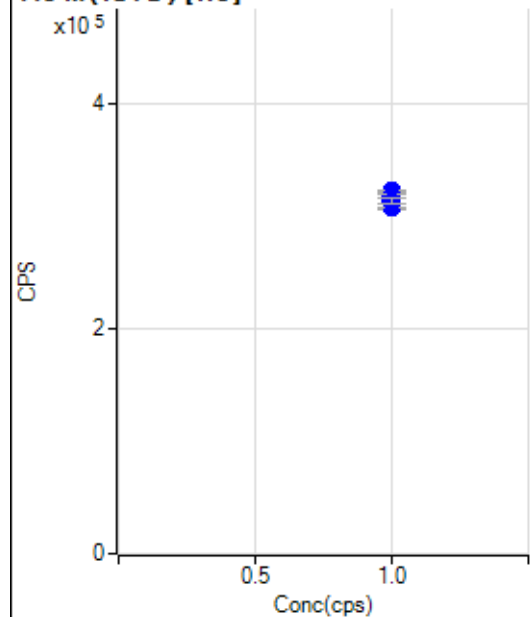
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4396662.51 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4375047.15 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4303044.67 |       | A        | 3.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4321923.32 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4426173.19 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4470968.11 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4448588.07 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4347867.46 |       | A        | 0.8 |

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

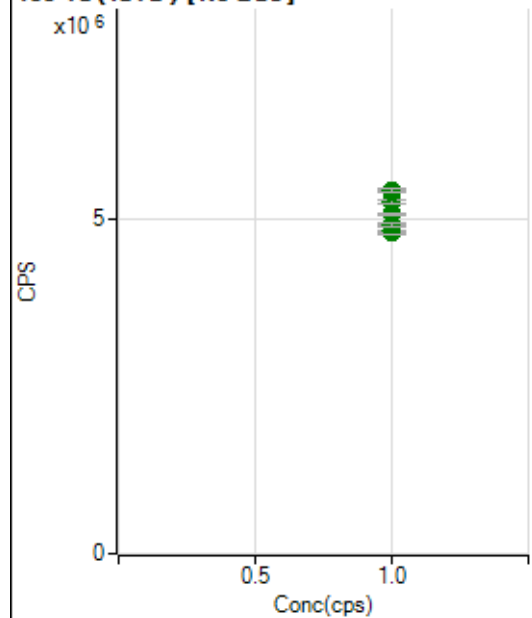
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1699784.24 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1653104.82 |       | A        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1659247.32 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1677364.91 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1676884.40 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1637755.99 |       | A        | 3.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1658196.24 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1565764.02 |       | A        | 2.1 |

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

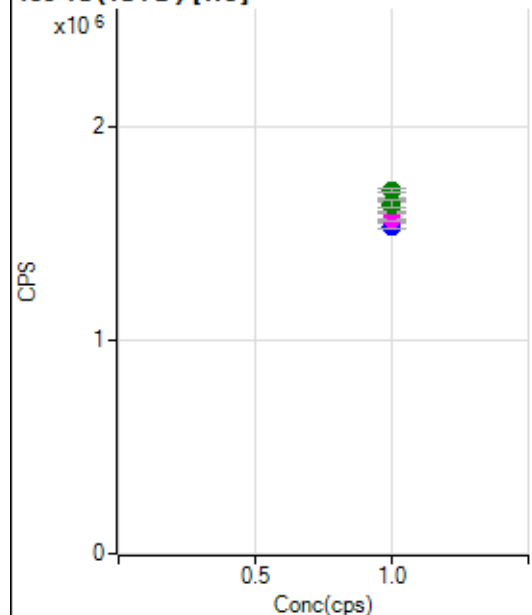
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4427692.10 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4399429.54 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4353733.48 |       | A        | 3.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4422729.61 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4560793.57 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4576095.22 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4611547.24 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4651240.04 |       | A        | 0.7 |

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

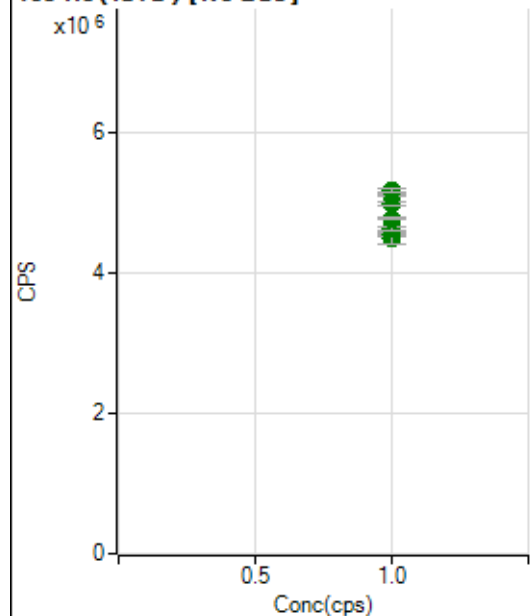
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 322184.01 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 314261.81 |       | P        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 316600.11 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 322990.24 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 319055.72 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 311777.96 |       | P        | 3.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 308020.48 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 313713.79 |       | P        | 1.8 |

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

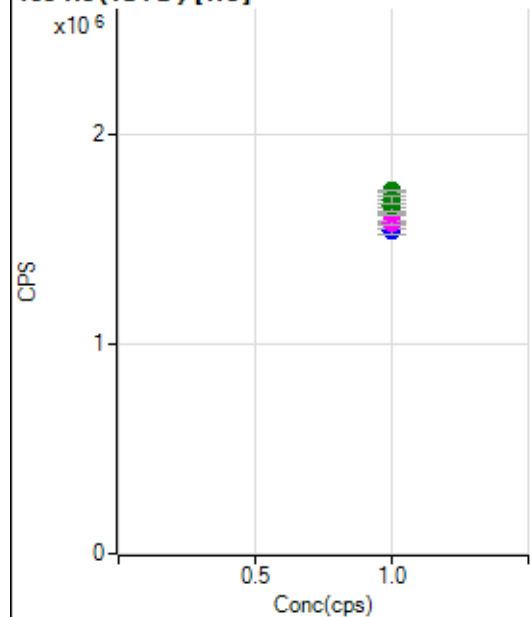
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4810620.55 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4832807.81 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4835019.55 |       | A        | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4910761.77 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5079732.88 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5254658.60 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5411235.89 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5427846.03 |       | A        | 1.0 |

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

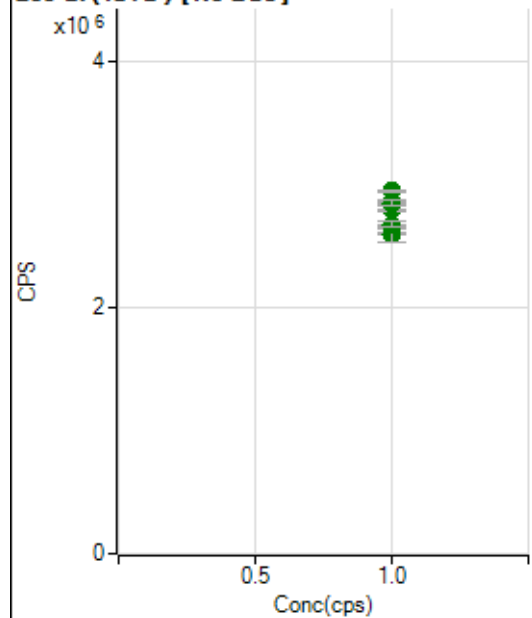
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1551931.96 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1532484.38 |       | P        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1564466.19 |       | M        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1600800.29 |       | M        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1631523.67 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1633674.39 |       | A        | 3.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1697726.80 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1637774.72 |       | A        | 2.2 |

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

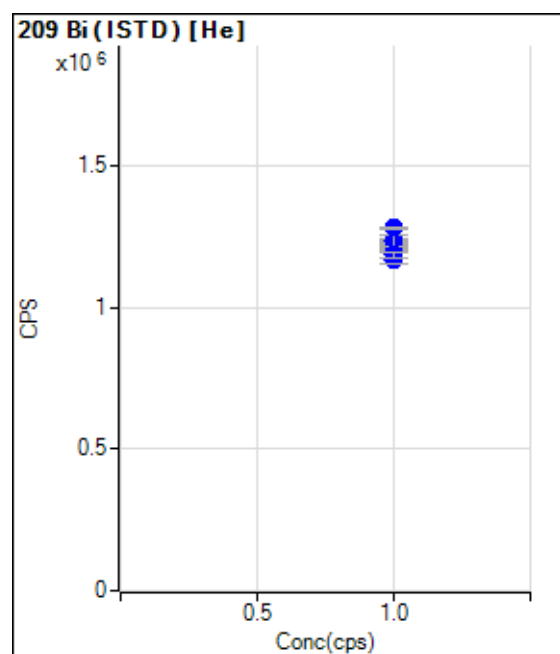
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4547188.69 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4557501.79 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4508460.35 |       | A        | 3.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4636105.75 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4784800.15 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4989389.61 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5116021.12 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5175697.86 |       | A        | 1.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1574776.05 |       | P        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1535777.44 |       | P        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1577909.45 |       | M        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1617932.79 |       | M        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1656230.93 |       | M        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1657698.57 |       | A        | 3.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1728645.03 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1686474.30 |       | A        | 2.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2667463.64 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2599765.15 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2589568.12 |       | A        | 4.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2671746.02 |       | A        | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2788285.65 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2848840.96 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2944523.36 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2843668.78 |       | A        | 1.6 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1201875.20 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1164401.47 |       | P        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1196162.85 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1225830.43 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1237737.05 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1234719.27 |       | P        | 3.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1280687.83 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1185727.28 |       | P        | 1.4 |

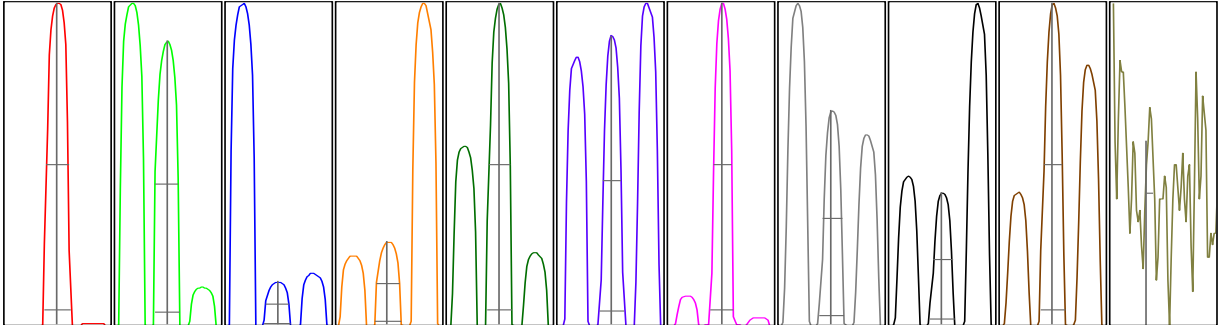
US EPA Tune Check Sample Report

Batch Folder D:\P8072417.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 4997            | 0.52             | 5.00               |                |
| 24       | 32912           | 0.56             | 5.00               |                |
| 25       | 4494            | 0.70             | 5.00               |                |
| 26       | 5317            | 0.54             | 5.00               |                |
| 59       | 59871           | 0.43             | 5.00               |                |
| 113      | 6657            | 0.48             | 5.00               |                |
| 115      | 81652           | 0.89             | 5.00               |                |
| 206      | 13876           | 0.62             | 5.00               |                |
| 207      | 12397           | 0.97             | 5.00               |                |
| 208      | 30203           | 0.57             | 5.00               |                |
| 220      | 1               | 13.77            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 5015                 | 4998                 | 5026                 | 4961                 | 4982                 |
| 24   | 33095                | 32994                | 32918                | 32607                | 32946                |
| 25   | 4518                 | 4495                 | 4529                 | 4451                 | 4478                 |
| 26   | 5336                 | 5324                 | 5351                 | 5290                 | 5284                 |
| 59   | 59921                | 59553                | 60146                | 59655                | 60079                |
| 113  | 6656                 | 6692                 | 6684                 | 6612                 | 6643                 |
| 115  | 82874                | 81293                | 81741                | 81042                | 81308                |
| 206  | 13791                | 13862                | 14011                | 13818                | 13899                |
| 207  | 12203                | 12364                | 12493                | 12441                | 12484                |
| 208  | 30126                | 30023                | 30361                | 30094                | 30409                |
| 220  | 1                    | 1                    | 1                    | 1                    | 1                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 8141           | 9.00             | 8.9 - 9.1          |                | 0.780                | 0.900                  |                        |
| 24   | 52653          | 24.00            | 23.9 - 24.1        |                | 0.741                | 0.900                  |                        |
| 25   | 7145           | 25.00            | 24.9 - 25.1        |                | 0.776                | 0.900                  |                        |
| 26   | 8583           | 25.95            | 25.9 - 26.1        |                | 0.743                | 0.900                  |                        |
| 59   | 101306         | 59.00            | 58.9 - 59.1        |                | 0.738                | 0.900                  |                        |
| 113  | 12820          | 113.05           | 112.9 - 113.1      |                | 0.722                | 0.900                  |                        |
| 115  | 154724         | 115.05           | 114.9 - 115.1      |                | 0.683                | 0.900                  |                        |
| 206  | 26521          | 206.00           | 205.9 - 206.1      |                | 0.721                | 0.900                  |                        |
| 207  | 23597          | 207.00           | 206.9 - 207.1      |                | 0.731                | 0.900                  |                        |
| 208  | 57116          | 208.00           | 207.9 - 208.1      |                | 0.731                | 0.900                  |                        |
| 220  | 1              | 219.55           | -                  |                |                      |                        |                        |

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    | 10.3  | V    | Deflect       | 14.2  | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -115   | 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   | 10833           | 1.84             |                    |
| 89   | 2799            | 1.79             |                    |
| 205  | 11477           | 2.13             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 10993                | 10899                | 10954                | 10495                | 10823                |
| 89   | 2832                 | 2803                 | 2816                 | 2712                 | 2832                 |
| 205  | 11588                | 11656                | 11470                | 11058                | 11615                |

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    | 10.3  | V    | Deflect       | 2.4   | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -115   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:48:54 | DataFile Name :   | 003CALB_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.70   | -1.72   | 3.42    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.03    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.08   | 0.60    | -0.52   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.02   | 0.03    | -0.01   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.05   | 0.05    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.12    | -0.72   | 0.60    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.01   | 0.03    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 2.58    | 5.45    | -8.02   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 1.29    | -0.94   | -0.36   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.09    | 0.03    | -0.12   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.17   | 0.02    | 0.15    | 0.00       | N/A     | ppb   |
| 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   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.89    | 0.04    | -0.92   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.01    | -0.05   | 0.04    | 0.00       | N/A     | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:48:54 | DataFile Name :   | 003CALB_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.04   | 0.02    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -0.09   | 23.79   | -12.27  | 3.81       | 481.47  | ppb   |
| Potassium  | 39-2  | 6.05    | -7.43   | 1.38    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.15    | -0.82   | -0.33   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.16    | -0.74   | 0.58    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.89   | -0.35   | 1.23    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 0.91    | 0.66    | -1.57   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 113.19  | 84.20   | 39.68   | 79.02      | 46.85   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.03   | 0.04    | -0.01   | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:48:54 | DataFile Name :   | 003CALB_P8072417.D |

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

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CALS_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.17   | 15.23   | 19.96   | 19.12      | 18.53   | ppb   |
| Antimony   | 121-1 | 1.95    | 1.87    | 1.90    | 1.91       | 2.09    | ppb   |
| Arsenic    | 75-2  | 1.00    | 0.94    | 0.81    | 0.92       | 10.80   | ppb   |
| Barium     | 135-1 | 9.31    | 8.88    | 8.85    | 9.01       | 2.84    | ppb   |
| Barium     | 137-1 | 9.39    | 9.24    | 9.14    | 9.26       | 1.39    | ppb   |
| Beryllium  | 9-1   | 0.81    | 0.83    | 0.93    | 0.86       | 7.32    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 21.45   | 20.66   | 21.11   | 21.07      | 1.89    | ppb   |
| Boron      | 11-1  | 22.25   | 22.18   | 23.20   | 22.54      | 2.53    | ppb   |
| Cadmium    | 111-1 | 1.00    | 0.94    | 0.79    | 0.91       | 12.01   | ppb   |
| Cadmium    | 106-1 | 1.39    | 0.89    | 0.86    | 1.05       | 28.27   | ppb   |
| Cadmium    | 108-1 | 0.76    | 1.10    | 1.48    | 1.12       | 32.23   | ppb   |
| Calcium    | 43-1  | 455.88  | 450.85  | 394.57  | 433.76     | 7.85    | ppb   |
| Calcium    | 44-1  | 432.13  | 419.21  | 415.57  | 422.30     | 2.06    | ppb   |
| Chromium   | 52-2  | 2.21    | 2.07    | 2.10    | 2.13       | 3.33    | ppb   |
| Cobalt     | 59-2  | 0.96    | 0.94    | 0.89    | 0.93       | 4.04    | ppb   |
| Copper     | 63-2  | 2.12    | 2.11    | 2.08    | 2.10       | 1.01    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 47.13   | 47.81   | 45.58   | 46.84      | 2.44    | ppb   |
| Iron       | 57-2  | 53.70   | 49.32   | 46.33   | 49.78      | 7.45    | ppb   |
| Lead       | 206-1 | 1.11    | 1.05    | 1.08    | 1.08       | 2.77    | ppb   |
| Lead       | 207-1 | 1.06    | 1.16    | 1.12    | 1.11       | 4.23    | ppb   |
| Lead       | 208-1 | 1.14    | 1.11    | 1.11    | 1.12       | 1.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 450.93  | 441.26  | 444.37  | 445.52     | 1.11    | ppb   |
| Manganese  | 55-2  | 0.79    | 1.12    | 1.13    | 1.01       | 19.14   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.03    | 2.06    | 2.08    | 2.05       | 1.31    | ppb   |
| Molybdenum | 95-1  | 4.47    | 4.50    | 4.40    | 4.46       | 1.07    | ppb   |
| Molybdenum | 96-1  | 3.93    | 3.84    | 3.87    | 3.88       | 1.28    | ppb   |
| Molybdenum | 97-1  | 4.45    | 4.28    | 4.32    | 4.35       | 2.05    | ppb   |
| Molybdenum | 98-1  | 4.45    | 4.26    | 4.26    | 4.32       | 2.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.99    | 1.04    | 0.97    | 1.00       | 3.75    | ppb   |
| Phosphorus | 31-2  | -12.27  | 13.11   | -12.27  | -3.81      |         | ppb   |
| Potassium  | 39-2  | 488.26  | 475.66  | 441.91  | 468.61     | 5.11    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 9.23    | 0.00    | 3.13    | 4.12       | 113.96  | ppb   |
| Selenium   | 78-2  | 6.04    | 4.36    | 3.68    | 4.69       | 25.82   | ppb   |
| Selenium   | 82-1  | 5.58    | 4.51    | 4.09    | 4.73       | 16.33   | ppb   |
| Silicon    | 28-1  | 8.64    | 9.04    | 2.15    | 6.61       | 58.52   | ppb   |
| Silver     | 109-1 | 1.13    | 1.21    | 1.15    | 1.17       | 3.69    | ppb   |
| Silver     | 107-1 | 1.12    | 1.17    | 1.18    | 1.16       | 2.76    | ppb   |
| Sodium     | 23-2  | 464.26  | 468.36  | 455.22  | 462.61     | 1.45    | ppb   |
| Strontium  | 86-1  | 1.01    | 0.90    | 1.04    | 0.98       | 7.41    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.93    | 0.89    | 0.92       | 2.39    | ppb   |
| Sulfur     | 34-1  | 126.49  | -1.32   | -362.24 | -79.02     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.88    | 0.97    | 0.89    | 0.91       | 5.47    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.92    | 0.92    | 0.94       | 2.67    | ppb   |
| Tin        | 118-1 | 4.75    | 4.70    | 4.55    | 4.67       | 2.14    | ppb   |
| Titanium   | 47-1  | 4.38    | 4.84    | 4.42    | 4.54       | 5.65    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.87    | 0.84    | 0.86       | 2.62    | ppb   |
| Vanadium   | 51-2  | 4.40    | 4.58    | 4.53    | 4.50       | 1.98    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.16    | 2.28    | 2.07    | 2.17       | 4.87    | ppb   |
| Zirconium  | 90-1  | 0.94    | 0.93    | 0.91    | 0.92       | 1.63    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.94    | 0.86    | 0.90    | 0.90       | 4.15    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 976.96  | 995.14  | 964.93  | 979.01     | 1.55    | ppb   |
| Antimony   | 121-1 | 51.64   | 52.23   | 53.81   | 52.56      | 2.14    | ppb   |
| Arsenic    | 75-2  | 51.70   | 51.08   | 50.80   | 51.19      | 0.90    | ppb   |
| Barium     | 135-1 | 260.07  | 255.12  | 265.72  | 260.30     | 2.04    | ppb   |
| Barium     | 137-1 | 258.33  | 258.02  | 271.95  | 262.77     | 3.03    | ppb   |
| Beryllium  | 9-1   | 54.41   | 51.01   | 55.38   | 53.60      | 4.28    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 50.24   | 50.15   | 54.57   | 51.65      | 4.89    | ppb   |
| Boron      | 11-1  | 50.45   | 53.65   | 55.39   | 53.17      | 4.71    | ppb   |
| Cadmium    | 111-1 | 52.80   | 51.96   | 54.65   | 53.14      | 2.59    | ppb   |
| Cadmium    | 106-1 | 50.65   | 51.25   | 56.28   | 52.73      | 5.86    | ppb   |
| Cadmium    | 108-1 | 54.30   | 55.07   | 57.66   | 55.68      | 3.16    | ppb   |
| Calcium    | 43-1  | 4884.11 | 4887.08 | 5207.82 | 4993.00    | 3.73    | ppb   |
| Calcium    | 44-1  | 4983.97 | 5060.32 | 5271.08 | 5105.12    | 2.91    | ppb   |
| Chromium   | 52-2  | 52.13   | 51.95   | 52.08   | 52.05      | 0.17    | ppb   |
| Cobalt     | 59-2  | 51.58   | 51.52   | 52.01   | 51.70      | 0.52    | ppb   |
| Copper     | 63-2  | 102.97  | 104.32  | 104.26  | 103.85     | 0.73    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2634.12 | 2617.13 | 2661.33 | 2637.53    | 0.85    | ppb   |
| Iron       | 57-2  | 2619.85 | 2605.60 | 2642.76 | 2622.74    | 0.71    | ppb   |
| Lead       | 206-1 | 49.28   | 49.41   | 54.82   | 51.17      | 6.17    | ppb   |
| Lead       | 207-1 | 48.73   | 48.87   | 54.26   | 50.62      | 6.23    | ppb   |
| Lead       | 208-1 | 49.54   | 49.50   | 54.23   | 51.09      | 5.33    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5124.64 | 5098.97 | 5230.18 | 5151.26    | 1.35    | ppb   |
| Manganese  | 55-2  | 104.68  | 104.52  | 105.97  | 105.06     | 0.76    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 49.92   | 49.84   | 52.67   | 50.81      | 3.18    | ppb   |
| Molybdenum | 95-1  | 49.83   | 50.98   | 53.43   | 51.41      | 3.57    | ppb   |
| Molybdenum | 96-1  | 50.09   | 49.58   | 52.59   | 50.75      | 3.17    | ppb   |
| Molybdenum | 97-1  | 49.07   | 49.72   | 52.94   | 50.58      | 4.09    | ppb   |
| Molybdenum | 98-1  | 49.30   | 50.13   | 52.65   | 50.69      | 3.45    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.14   | 52.52   | 53.37   | 52.68      | 1.20    | ppb   |
| Phosphorus | 31-2  | 1089.35 | 1047.10 | 1003.05 | 1046.50    | 4.12    | ppb   |
| Potassium  | 39-2  | 2585.64 | 2568.75 | 2551.75 | 2568.71    | 0.66    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 71.56   | 59.01   | 70.52   | 67.03      | 10.39   | ppb   |
| Selenium   | 78-2  | 54.66   | 56.05   | 46.03   | 52.24      | 10.39   | ppb   |
| Selenium   | 82-1  | 53.74   | 51.68   | 53.88   | 53.10      | 2.32    | ppb   |
| Silicon    | 28-1  | 59.28   | 62.99   | 71.74   | 64.67      | 9.89    | ppb   |
| Silver     | 109-1 | 53.62   | 52.38   | 54.91   | 53.64      | 2.36    | ppb   |
| Silver     | 107-1 | 53.48   | 53.36   | 55.90   | 54.25      | 2.65    | ppb   |
| Sodium     | 23-2  | 5102.79 | 5103.08 | 5121.79 | 5109.22    | 0.21    | ppb   |
| Strontium  | 86-1  | 50.20   | 50.35   | 54.17   | 51.57      | 4.36    | ppb   |
| Strontium  | 88-1  | 50.99   | 50.58   | 53.39   | 51.65      | 2.94    | ppb   |
| Sulfur     | 34-1  | 939.47  | 899.24  | 1286.81 | 1041.84    | 20.45   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 50.13   | 48.84   | 53.87   | 50.95      | 5.13    | ppb   |
| Thallium   | 205-1 | 49.98   | 50.16   | 55.35   | 51.83      | 5.89    | ppb   |
| Tin        | 118-1 | 51.61   | 51.71   | 53.32   | 52.22      | 1.84    | ppb   |
| Titanium   | 47-1  | 49.56   | 50.15   | 53.00   | 50.90      | 3.61    | ppb   |
| Uranium    | 238-1 | 49.14   | 48.82   | 52.32   | 50.10      | 3.87    | ppb   |
| Vanadium   | 51-2  | 50.94   | 51.84   | 50.25   | 51.01      | 1.56    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 102.77  | 104.82  | 106.61  | 104.73     | 1.84    | ppb   |
| Zirconium  | 90-1  | 48.96   | 49.26   | 52.02   | 50.08      | 3.37    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 48.86   | 48.41   | 51.91   | 49.72      | 3.83    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:02:42 | DataFile Name :   | 007CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2510.71  | 2440.78  | 2464.13  | 2471.87    | 1.44    | ppb   |
| Antimony   | 121-1 | 131.56   | 130.16   | 131.05   | 130.92     | 0.54    | ppb   |
| Arsenic    | 75-2  | 127.69   | 127.69   | 124.54   | 126.64     | 1.44    | ppb   |
| Barium     | 135-1 | 646.35   | 648.10   | 655.03   | 649.83     | 0.71    | ppb   |
| Barium     | 137-1 | 651.19   | 654.27   | 674.32   | 659.93     | 1.90    | ppb   |
| Beryllium  | 9-1   | 136.30   | 127.73   | 128.56   | 130.86     | 3.61    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 136.02   | 120.51   | 123.69   | 126.74     | 6.46    | ppb   |
| Boron      | 11-1  | 132.40   | 127.02   | 126.36   | 128.60     | 2.58    | ppb   |
| Cadmium    | 111-1 | 132.27   | 130.68   | 132.96   | 131.97     | 0.89    | ppb   |
| Cadmium    | 106-1 | 134.86   | 126.23   | 141.99   | 134.36     | 5.87    | ppb   |
| Cadmium    | 108-1 | 133.82   | 131.77   | 133.52   | 133.03     | 0.83    | ppb   |
| Calcium    | 43-1  | 12222.61 | 11999.64 | 12233.32 | 12151.86   | 1.09    | ppb   |
| Calcium    | 44-1  | 12352.29 | 12256.36 | 12321.11 | 12309.92   | 0.40    | ppb   |
| Chromium   | 52-2  | 129.62   | 127.74   | 128.52   | 128.63     | 0.74    | ppb   |
| Cobalt     | 59-2  | 128.07   | 125.83   | 127.50   | 127.13     | 0.91    | ppb   |
| Copper     | 63-2  | 259.04   | 252.21   | 254.95   | 255.40     | 1.35    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 6439.33  | 6315.62  | 6397.67  | 6384.21    | 0.99    | ppb   |
| Iron       | 57-2  | 6379.85  | 6380.94  | 6449.93  | 6403.57    | 0.63    | ppb   |
| Lead       | 206-1 | 127.43   | 123.34   | 124.76   | 125.18     | 1.66    | ppb   |
| Lead       | 207-1 | 127.05   | 123.66   | 124.01   | 124.91     | 1.49    | ppb   |
| Lead       | 208-1 | 127.27   | 123.87   | 125.15   | 125.43     | 1.37    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 12702.15 | 12431.41 | 12673.71 | 12602.43   | 1.18    | ppb   |
| Manganese  | 55-2  | 260.78   | 253.57   | 260.90   | 258.42     | 1.62    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:02:42 | DataFile Name :   | 007CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 126.72   | 125.12   | 124.72   | 125.52     | 0.84    | ppb   |
| Molybdenum | 95-1  | 127.67   | 125.34   | 126.41   | 126.47     | 0.92    | ppb   |
| Molybdenum | 96-1  | 126.57   | 122.80   | 124.64   | 124.67     | 1.51    | ppb   |
| Molybdenum | 97-1  | 126.03   | 123.13   | 124.51   | 124.56     | 1.16    | ppb   |
| Molybdenum | 98-1  | 126.21   | 123.04   | 125.18   | 124.81     | 1.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.81   | 128.22   | 130.29   | 130.11     | 1.38    | ppb   |
| Phosphorus | 31-2  | 2726.47  | 2683.42  | 2630.96  | 2680.28    | 1.78    | ppb   |
| Potassium  | 39-2  | 6263.44  | 6155.37  | 6378.20  | 6265.67    | 1.78    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 138.91   | 95.50    | 139.58   | 124.66     | 20.26   | ppb   |
| Selenium   | 78-2  | 118.38   | 126.19   | 115.57   | 120.04     | 4.58    | ppb   |
| Selenium   | 82-1  | 130.29   | 127.78   | 127.83   | 128.63     | 1.11    | ppb   |
| Silicon    | 28-1  | 167.59   | 126.98   | 131.50   | 142.02     | 15.67   | ppb   |
| Silver     | 109-1 | 133.55   | 131.49   | 134.39   | 133.14     | 1.12    | ppb   |
| Silver     | 107-1 | 135.29   | 132.16   | 135.40   | 134.28     | 1.37    | ppb   |
| Sodium     | 23-2  | 13004.60 | 12748.36 | 12882.67 | 12878.54   | 1.00    | ppb   |
| Strontium  | 86-1  | 129.20   | 125.62   | 125.71   | 126.84     | 1.61    | ppb   |
| Strontium  | 88-1  | 131.58   | 126.67   | 129.74   | 129.33     | 1.92    | ppb   |
| Sulfur     | 34-1  | 2486.74  | 2322.37  | 2277.37  | 2362.16    | 4.67    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 127.60   | 124.58   | 123.67   | 125.28     | 1.64    | ppb   |
| Thallium   | 205-1 | 129.12   | 125.81   | 126.86   | 127.26     | 1.33    | ppb   |
| Tin        | 118-1 | 131.21   | 127.89   | 127.97   | 129.02     | 1.47    | ppb   |
| Titanium   | 47-1  | 127.27   | 125.92   | 125.61   | 126.27     | 0.70    | ppb   |
| Uranium    | 238-1 | 123.85   | 123.77   | 124.19   | 123.94     | 0.18    | ppb   |
| Vanadium   | 51-2  | 129.37   | 125.83   | 126.67   | 127.29     | 1.45    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 257.77   | 255.81   | 259.12   | 257.57     | 0.65    | ppb   |
| Zirconium  | 90-1  | 125.85   | 124.50   | 124.38   | 124.91     | 0.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:02:42 | DataFile Name :   | 007CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 124.26  | 122.92  | 121.79  | 122.99     | 1.01    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4911.33  | 5053.49  | 4841.40  | 4935.41    | 2.19    | ppb   |
| Antimony   | 121-1 | 259.28   | 254.09   | 261.46   | 258.28     | 1.47    | ppb   |
| Arsenic    | 75-2  | 251.95   | 249.95   | 251.74   | 251.22     | 0.44    | ppb   |
| Barium     | 135-1 | 1305.63  | 1286.40  | 1296.43  | 1296.15    | 0.74    | ppb   |
| Barium     | 137-1 | 1312.15  | 1277.80  | 1307.42  | 1299.12    | 1.43    | ppb   |
| Beryllium  | 9-1   | 252.33   | 253.70   | 257.22   | 254.42     | 0.99    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 253.25   | 257.53   | 256.53   | 255.77     | 0.88    | ppb   |
| Boron      | 11-1  | 252.64   | 256.60   | 263.70   | 257.65     | 2.17    | ppb   |
| Cadmium    | 111-1 | 255.85   | 254.70   | 259.95   | 256.84     | 1.07    | ppb   |
| Cadmium    | 106-1 | 256.70   | 255.50   | 260.30   | 257.50     | 0.97    | ppb   |
| Cadmium    | 108-1 | 260.10   | 256.92   | 258.04   | 258.36     | 0.62    | ppb   |
| Calcium    | 43-1  | 24171.38 | 24323.63 | 24090.05 | 24195.02   | 0.49    | ppb   |
| Calcium    | 44-1  | 24164.81 | 24032.01 | 23993.55 | 24063.45   | 0.37    | ppb   |
| Chromium   | 52-2  | 253.31   | 254.54   | 255.99   | 254.61     | 0.53    | ppb   |
| Cobalt     | 59-2  | 251.31   | 254.91   | 249.68   | 251.97     | 1.06    | ppb   |
| Copper     | 63-2  | 504.52   | 511.63   | 502.16   | 506.10     | 0.97    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 12524.46 | 12779.10 | 12508.63 | 12604.06   | 1.20    | ppb   |
| Iron       | 57-2  | 12844.97 | 12815.43 | 12768.16 | 12809.52   | 0.30    | ppb   |
| Lead       | 206-1 | 244.74   | 246.63   | 247.97   | 246.45     | 0.66    | ppb   |
| Lead       | 207-1 | 242.93   | 245.43   | 248.00   | 245.46     | 1.03    | ppb   |
| Lead       | 208-1 | 247.39   | 249.85   | 251.20   | 249.48     | 0.77    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 24823.47 | 25184.55 | 24923.63 | 24977.22   | 0.75    | ppb   |
| Manganese  | 55-2  | 502.34   | 519.26   | 511.58   | 511.06     | 1.66    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 249.05   | 252.18   | 248.48   | 249.90     | 0.80    | ppb   |
| Molybdenum | 95-1  | 246.42   | 251.89   | 248.70   | 249.00     | 1.11    | ppb   |
| Molybdenum | 96-1  | 243.42   | 250.46   | 246.09   | 246.66     | 1.44    | ppb   |
| Molybdenum | 97-1  | 243.64   | 246.90   | 245.37   | 245.30     | 0.67    | ppb   |
| Molybdenum | 98-1  | 244.50   | 248.84   | 247.29   | 246.88     | 0.89    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 255.09   | 258.65   | 255.27   | 256.34     | 0.78    | ppb   |
| Phosphorus | 31-2  | 5177.10  | 5334.91  | 5239.27  | 5250.43    | 1.51    | ppb   |
| Potassium  | 39-2  | 12242.89 | 12572.63 | 12545.78 | 12453.77   | 1.47    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 232.60   | 253.66   | 256.70   | 247.65     | 5.30    | ppb   |
| Selenium   | 78-2  | 265.67   | 265.30   | 236.08   | 255.68     | 6.64    | ppb   |
| Selenium   | 82-1  | 248.54   | 256.97   | 254.70   | 253.40     | 1.72    | ppb   |
| Silicon    | 28-1  | 265.22   | 270.05   | 266.77   | 267.34     | 0.92    | ppb   |
| Silver     | 109-1 | 262.66   | 261.84   | 265.39   | 263.30     | 0.71    | ppb   |
| Silver     | 107-1 | 267.24   | 263.71   | 267.08   | 266.01     | 0.75    | ppb   |
| Sodium     | 23-2  | 25139.32 | 25599.60 | 25301.72 | 25346.88   | 0.92    | ppb   |
| Strontium  | 86-1  | 247.04   | 252.48   | 251.83   | 250.45     | 1.19    | ppb   |
| Strontium  | 88-1  | 253.15   | 255.27   | 251.43   | 253.29     | 0.76    | ppb   |
| Sulfur     | 34-1  | 4948.27  | 4851.64  | 4792.69  | 4864.20    | 1.61    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 246.74   | 248.69   | 248.49   | 247.97     | 0.43    | ppb   |
| Thallium   | 205-1 | 250.30   | 252.99   | 257.47   | 253.59     | 1.43    | ppb   |
| Tin        | 118-1 | 255.25   | 254.64   | 256.30   | 255.40     | 0.33    | ppb   |
| Titanium   | 47-1  | 249.80   | 252.56   | 245.67   | 249.34     | 1.39    | ppb   |
| Uranium    | 238-1 | 249.77   | 250.44   | 249.68   | 249.96     | 0.17    | ppb   |
| Vanadium   | 51-2  | 251.14   | 254.02   | 253.79   | 252.99     | 0.63    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 501.96   | 515.28   | 501.99   | 506.41     | 1.52    | ppb   |
| Zirconium  | 90-1  | 251.13   | 255.93   | 249.89   | 252.32     | 1.26    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 241.69  | 243.48  | 242.30  | 242.49     | 0.37    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:09:31 | DataFile Name :   | 009CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9715.58  | 9539.35  | 10633.72 | 9962.88    | 5.90    | ppb   |
| Antimony   | 121-1 | 509.12   | 512.42   | 506.92   | 509.49     | 0.54    | ppb   |
| Arsenic    | 75-2  | 507.82   | 501.82   | 534.01   | 514.55     | 3.33    | ppb   |
| Barium     | 135-1 | 2520.62  | 2582.90  | 2542.71  | 2548.75    | 1.24    | ppb   |
| Barium     | 137-1 | 2494.34  | 2559.66  | 2536.30  | 2530.10    | 1.31    | ppb   |
| Beryllium  | 9-1   | 499.61   | 500.52   | 500.74   | 500.29     | 0.12    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 497.59   | 508.29   | 506.20   | 504.03     | 1.13    | ppb   |
| Boron      | 11-1  | 498.13   | 507.23   | 507.00   | 504.12     | 1.03    | ppb   |
| Cadmium    | 111-1 | 500.82   | 510.60   | 496.71   | 502.71     | 1.42    | ppb   |
| Cadmium    | 106-1 | 512.01   | 514.82   | 502.17   | 509.67     | 1.30    | ppb   |
| Cadmium    | 108-1 | 501.66   | 517.81   | 507.67   | 509.05     | 1.60    | ppb   |
| Calcium    | 43-1  | 47705.42 | 47949.00 | 47898.09 | 47850.84   | 0.27    | ppb   |
| Calcium    | 44-1  | 47853.44 | 48269.46 | 47890.19 | 48004.36   | 0.48    | ppb   |
| Chromium   | 52-2  | 508.14   | 500.77   | 546.01   | 518.31     | 4.68    | ppb   |
| Cobalt     | 59-2  | 501.28   | 497.36   | 538.98   | 512.54     | 4.48    | ppb   |
| Copper     | 63-2  | 1021.14  | 1018.58  | 1086.88  | 1042.20    | 3.71    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 25097.33 | 24631.27 | 26960.58 | 25563.06   | 4.82    | ppb   |
| Iron       | 57-2  | 25444.56 | 25259.30 | 27528.12 | 26077.33   | 4.83    | ppb   |
| Lead       | 206-1 | 506.25   | 498.51   | 497.98   | 500.91     | 0.92    | ppb   |
| Lead       | 207-1 | 500.59   | 492.27   | 491.78   | 494.88     | 1.00    | ppb   |
| Lead       | 208-1 | 506.18   | 500.27   | 501.65   | 502.70     | 0.61    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 50030.70 | 49045.85 | 54402.82 | 51159.79   | 5.57    | ppb   |
| Manganese  | 55-2  | 1015.16  | 1003.15  | 1088.21  | 1035.51    | 4.45    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:09:31 | DataFile Name :   | 009CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 501.17   | 510.82   | 495.60   | 502.53     | 1.53    | ppb   |
| Molybdenum | 95-1  | 499.59   | 503.80   | 500.34   | 501.25     | 0.45    | ppb   |
| Molybdenum | 96-1  | 498.30   | 508.94   | 508.54   | 505.26     | 1.19    | ppb   |
| Molybdenum | 97-1  | 483.44   | 499.22   | 491.57   | 491.41     | 1.61    | ppb   |
| Molybdenum | 98-1  | 498.62   | 513.09   | 505.93   | 505.88     | 1.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 508.55   | 504.31   | 547.99   | 520.29     | 4.63    | ppb   |
| Phosphorus | 31-2  | 10351.47 | 9711.54  | 11724.88 | 10595.96   | 9.71    | ppb   |
| Potassium  | 39-2  | 24408.69 | 24310.95 | 26529.82 | 25083.16   | 5.00    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 487.08   | 470.46   | 582.09   | 513.21     | 11.74   | ppb   |
| Selenium   | 78-2  | 497.09   | 510.78   | 544.29   | 517.39     | 4.69    | ppb   |
| Selenium   | 82-1  | 500.92   | 514.75   | 504.30   | 506.66     | 1.42    | ppb   |
| Silicon    | 28-1  | 524.70   | 533.17   | 528.66   | 528.84     | 0.80    | ppb   |
| Silver     | 109-1 | 511.91   | 524.15   | 506.99   | 514.35     | 1.72    | ppb   |
| Silver     | 107-1 | 511.15   | 519.40   | 507.35   | 512.63     | 1.20    | ppb   |
| Sodium     | 23-2  | 49583.41 | 48929.02 | 53876.82 | 50796.42   | 5.29    | ppb   |
| Strontium  | 86-1  | 489.54   | 499.87   | 490.82   | 493.41     | 1.14    | ppb   |
| Strontium  | 88-1  | 491.88   | 502.19   | 496.22   | 496.77     | 1.04    | ppb   |
| Sulfur     | 34-1  | 9636.58  | 9942.74  | 9618.06  | 9732.46    | 1.87    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 510.28   | 498.75   | 508.82   | 505.95     | 1.24    | ppb   |
| Thallium   | 205-1 | 508.81   | 500.39   | 512.29   | 507.16     | 1.21    | ppb   |
| Tin        | 118-1 | 510.60   | 516.05   | 507.07   | 511.24     | 0.88    | ppb   |
| Titanium   | 47-1  | 498.24   | 503.33   | 498.79   | 500.12     | 0.56    | ppb   |
| Uranium    | 238-1 | 508.77   | 498.13   | 500.35   | 502.41     | 1.12    | ppb   |
| Vanadium   | 51-2  | 507.11   | 497.31   | 546.38   | 516.94     | 5.02    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1008.24  | 999.45   | 1091.16  | 1032.95    | 4.90    | ppb   |
| Zirconium  | 90-1  | 489.32   | 495.44   | 497.06   | 493.94     | 0.83    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:09:31 | DataFile Name :   | 009CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 485.49  | 493.87  | 488.53  | 489.30     | 0.87    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:12:44 | DataFile Name :   | 010CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18872.91 | 18872.23 | 19201.74 | 18982.30   | 1.00    | ppb   |
| Antimony   | 121-1 | 983.62   | 998.39   | 994.95   | 992.32     | 0.78    | ppb   |
| Arsenic    | 75-2  | 994.60   | 996.53   | 985.35   | 992.16     | 0.60    | ppb   |
| Barium     | 135-1 | 4892.94  | 5019.78  | 4968.70  | 4960.47    | 1.29    | ppb   |
| Barium     | 137-1 | 4909.40  | 5010.95  | 4982.65  | 4967.67    | 1.05    | ppb   |
| Beryllium  | 9-1   | 990.37   | 997.49   | 1005.65  | 997.84     | 0.77    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 982.29   | 1003.09  | 1003.66  | 996.34     | 1.22    | ppb   |
| Boron      | 11-1  | 985.45   | 999.86   | 1001.14  | 995.48     | 0.88    | ppb   |
| Cadmium    | 111-1 | 991.36   | 1005.59  | 990.77   | 995.91     | 0.84    | ppb   |
| Cadmium    | 106-1 | 982.94   | 1003.74  | 989.28   | 991.99     | 1.07    | ppb   |
| Cadmium    | 108-1 | 983.51   | 1005.24  | 987.55   | 992.10     | 1.16    | ppb   |
| Calcium    | 43-1  | 97254.08 | 97455.10 | 97191.72 | 97300.30   | 0.14    | ppb   |
| Calcium    | 44-1  | 95146.55 | 96913.61 | 96286.53 | 96115.57   | 0.93    | ppb   |
| Chromium   | 52-2  | 986.19   | 987.91   | 993.31   | 989.14     | 0.38    | ppb   |
| Cobalt     | 59-2  | 989.19   | 997.74   | 991.73   | 992.89     | 0.44    | ppb   |
| Copper     | 63-2  | 1990.10  | 1964.79  | 1974.63  | 1976.51    | 0.65    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 48859.53 | 49046.11 | 49067.17 | 48990.93   | 0.23    | ppb   |
| Iron       | 57-2  | 49662.22 | 49908.72 | 49880.24 | 49817.06   | 0.27    | ppb   |
| Lead       | 206-1 | 1012.93  | 992.31   | 995.82   | 1000.35    | 1.10    | ppb   |
| Lead       | 207-1 | 1006.34  | 1005.57  | 999.12   | 1003.68    | 0.40    | ppb   |
| Lead       | 208-1 | 1000.82  | 997.70   | 997.50   | 998.67     | 0.19    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 95480.81 | 96376.91 | 96395.47 | 96084.40   | 0.54    | ppb   |
| Manganese  | 55-2  | 1972.92  | 1980.82  | 1980.79  | 1978.18    | 0.23    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:12:44 | DataFile Name :   | 010CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1001.07  | 999.78   | 995.15   | 998.67     | 0.31    | ppb   |
| Molybdenum | 95-1  | 998.55   | 1002.46  | 997.11   | 999.37     | 0.28    | ppb   |
| Molybdenum | 96-1  | 992.40   | 1009.10  | 993.15   | 998.21     | 0.95    | ppb   |
| Molybdenum | 97-1  | 990.15   | 1023.97  | 1002.38  | 1005.50    | 1.70    | ppb   |
| Molybdenum | 98-1  | 995.80   | 996.81   | 1000.88  | 997.83     | 0.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 991.14   | 988.44   | 982.93   | 987.50     | 0.42    | ppb   |
| Phosphorus | 31-2  | 19652.46 | 19473.85 | 19717.34 | 19614.55   | 0.64    | ppb   |
| Potassium  | 39-2  | 49006.19 | 49112.91 | 48952.91 | 49024.00   | 0.17    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 918.54   | 1039.49  | 1021.50  | 993.18     | 6.57    | ppb   |
| Selenium   | 78-2  | 1004.15  | 995.07   | 971.97   | 990.40     | 1.68    | ppb   |
| Selenium   | 82-1  | 996.51   | 992.44   | 996.68   | 995.21     | 0.24    | ppb   |
| Silicon    | 28-1  | 959.03   | 986.17   | 990.04   | 978.41     | 1.73    | ppb   |
| Silver     | 109-1 | 990.49   | 1003.15  | 971.26   | 988.30     | 1.62    | ppb   |
| Silver     | 107-1 | 983.23   | 1002.77  | 978.93   | 988.31     | 1.29    | ppb   |
| Sodium     | 23-2  | 96316.76 | 96186.95 | 96358.08 | 96287.26   | 0.09    | ppb   |
| Strontium  | 86-1  | 991.61   | 1009.89  | 1007.13  | 1002.87    | 0.98    | ppb   |
| Strontium  | 88-1  | 997.63   | 1012.52  | 990.37   | 1000.17    | 1.13    | ppb   |
| Sulfur     | 34-1  | 20054.66 | 20387.99 | 20105.92 | 20182.86   | 0.89    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 1001.74  | 995.96   | 994.66   | 997.45     | 0.38    | ppb   |
| Thallium   | 205-1 | 997.31   | 986.76   | 1001.37  | 995.15     | 0.76    | ppb   |
| Tin        | 118-1 | 989.31   | 993.32   | 994.63   | 992.42     | 0.28    | ppb   |
| Titanium   | 47-1  | 989.87   | 1006.78  | 1003.06  | 999.90     | 0.89    | ppb   |
| Uranium    | 238-1 | 1002.00  | 996.08   | 998.72   | 998.93     | 0.30    | ppb   |
| Vanadium   | 51-2  | 984.07   | 993.06   | 994.22   | 990.45     | 0.56    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1982.12  | 1984.55  | 1975.54  | 1980.74    | 0.24    | ppb   |
| Zirconium  | 90-1  | 999.80   | 1001.70  | 1005.87  | 1002.46    | 0.31    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:12:44 | DataFile Name :   | 010CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1014.36 | 1008.10 | 1000.03 | 1007.49    | 0.71    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CAL5_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99978.80  | 101749.49 | 98905.90  | 100211.40  | 1.43    | ppb   |
| Antimony   | 121-1 | 2.33      | 2.33      | 2.33      | 2.33       | 0.13    | ppb   |
| Arsenic    | 75-2  | 0.45      | 0.61      | 0.43      | 0.50       | 20.31   | ppb   |
| Barium     | 135-1 | 2.41      | 2.25      | 2.24      | 2.30       | 4.20    | ppb   |
| Barium     | 137-1 | 2.42      | 2.37      | 2.48      | 2.42       | 2.21    | ppb   |
| Beryllium  | 9-1   | 0.21      | 0.25      | 0.18      | 0.21       | 15.35   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 34.51     | 33.64     | 27.64     | 31.93      | 11.73   | ppb   |
| Boron      | 11-1  | 34.14     | 33.18     | 29.42     | 32.25      | 7.74    | ppb   |
| Cadmium    | 111-1 | 0.11      | 0.27      | 0.24      | 0.21       | 42.99   | ppb   |
| Cadmium    | 106-1 | -1.64     | 0.43      | 0.42      | -0.27      |         | ppb   |
| Cadmium    | 108-1 | 0.39      | 0.32      | 0.40      | 0.37       | 11.31   | ppb   |
| Calcium    | 43-1  | 498866.06 | 509726.91 | 493818.86 | 500803.95  | 1.62    | ppb   |
| Calcium    | 44-1  | 499285.48 | 505874.80 | 497920.89 | 501027.06  | 0.85    | ppb   |
| Chromium   | 52-2  | 31.15     | 31.22     | 30.20     | 30.86      | 1.85    | ppb   |
| Cobalt     | 59-2  | 1.71      | 1.72      | 1.69      | 1.71       | 0.73    | ppb   |
| Copper     | 63-2  | 4.29      | 4.20      | 4.08      | 4.19       | 2.49    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 251877.41 | 254620.55 | 243908.76 | 250135.57  | 2.22    | ppb   |
| Iron       | 57-2  | 250025.04 | 254562.58 | 245137.32 | 249908.31  | 1.89    | ppb   |
| Lead       | 206-1 | 2.23      | 2.27      | 2.25      | 2.25       | 1.04    | ppb   |
| Lead       | 207-1 | 2.05      | 2.14      | 2.22      | 2.14       | 4.08    | ppb   |
| Lead       | 208-1 | 2.13      | 2.20      | 2.24      | 2.19       | 2.67    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 502773.52 | 507358.93 | 491860.34 | 500664.26  | 1.59    | ppb   |
| Manganese  | 55-2  | 11.16     | 10.83     | 10.82     | 10.94      | 1.76    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CALC_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.73      | 1.66      | 1.80      | 1.73       | 3.85    | ppb   |
| Molybdenum | 95-1  | 4.78      | 4.76      | 4.83      | 4.79       | 0.76    | ppb   |
| Molybdenum | 96-1  | 4.46      | 4.35      | 4.25      | 4.35       | 2.42    | ppb   |
| Molybdenum | 97-1  | 4.82      | 4.71      | 4.44      | 4.66       | 4.18    | ppb   |
| Molybdenum | 98-1  | 4.66      | 4.63      | 4.63      | 4.64       | 0.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 17.34     | 17.94     | 17.35     | 17.54      | 1.93    | ppb   |
| Phosphorus | 31-2  | 13.43     | 0.50      | 12.53     | 8.82       | 81.81   | ppb   |
| Potassium  | 39-2  | 250424.81 | 253900.98 | 246238.75 | 250188.18  | 1.53    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.00      | 3.15      | 0.00      | 1.05       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.33     | 1.21      | -0.35     | 0.18       | 499.88  | ppb   |
| Selenium   | 82-1  | 1.44      | 1.01      | 1.62      | 1.36       | 23.13   | ppb   |
| Silicon    | 28-1  | 32.78     | 35.05     | 34.80     | 34.21      | 3.64    | ppb   |
| Silver     | 109-1 | 0.18      | 0.20      | 0.22      | 0.20       | 8.71    | ppb   |
| Silver     | 107-1 | 0.21      | 0.20      | 0.19      | 0.20       | 4.40    | ppb   |
| Sodium     | 23-2  | 505949.21 | 505254.69 | 490701.23 | 500635.04  | 1.72    | ppb   |
| Strontium  | 86-1  | 34.22     | 34.19     | 34.00     | 34.14      | 0.35    | ppb   |
| Strontium  | 88-1  | 35.01     | 34.28     | 34.16     | 34.49      | 1.34    | ppb   |
| Sulfur     | 34-1  | 655.67    | 962.15    | 697.22    | 771.68     | 21.54   | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.73      | 0.70      | 0.67      | 0.70       | 4.87    | ppb   |
| Thallium   | 205-1 | 0.75      | 0.66      | 0.70      | 0.70       | 6.47    | ppb   |
| Tin        | 118-1 | 1.25      | 1.22      | 1.26      | 1.24       | 1.61    | ppb   |
| Titanium   | 47-1  | 1.14      | 1.18      | 1.48      | 1.27       | 14.50   | ppb   |
| Uranium    | 238-1 | 0.24      | 0.24      | 0.24      | 0.24       | 1.09    | ppb   |
| Vanadium   | 51-2  | 0.77      | 0.80      | 0.77      | 0.78       | 2.56    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 17.71     | 17.23     | 15.95     | 16.96      | 5.38    | ppb   |
| Zirconium  | 90-1  | 0.26      | 0.26      | 0.28      | 0.27       | 5.54    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CALS_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.27    | 0.26    | 0.25    | 0.26       | 3.42    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-24 14:25:23 | DataFile Name :   | 012ICV01_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 422.72  | 477.56  | 508.75  | 469.68     | 9.27    | ppb   |
| Antimony   | 121-1 | 196.79  | 195.65  | 191.07  | 194.50     | 1.55    | ppb   |
| Arsenic    | 75-2  | 192.93  | 193.53  | 194.86  | 193.77     | 0.51    | ppb   |
| Barium     | 135-1 | 99.23   | 98.82   | 97.22   | 98.42      | 1.08    | ppb   |
| Barium     | 137-1 | 101.23  | 100.70  | 96.90   | 99.61      | 2.37    | ppb   |
| Beryllium  | 9-1   | 95.72   | 93.90   | 95.93   | 95.18      | 1.17    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 512.76  | 494.63  | 489.94  | 499.11     | 2.41    | ppb   |
| Boron      | 11-1  | 509.51  | 494.72  | 507.12  | 503.79     | 1.58    | ppb   |
| Cadmium    | 111-1 | 103.90  | 102.20  | 99.65   | 101.92     | 2.10    | ppb   |
| Cadmium    | 106-1 | 153.36  | 143.21  | 142.79  | 146.45     | 4.09    | ppb   |
| Cadmium    | 108-1 | 124.22  | 126.07  | 120.76  | 123.68     | 2.18    | ppb   |
| Calcium    | 43-1  | 2093.64 | 2043.90 | 2034.01 | 2057.18    | 1.55    | ppb   |
| Calcium    | 44-1  | 2018.29 | 1977.79 | 1979.87 | 1991.98    | 1.14    | ppb   |
| Chromium   | 52-2  | 96.24   | 96.34   | 97.63   | 96.73      | 0.80    | ppb   |
| Cobalt     | 59-2  | 97.91   | 98.46   | 99.51   | 98.63      | 0.82    | ppb   |
| Copper     | 63-2  | 97.11   | 99.42   | 100.52  | 99.01      | 1.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 976.29  | 975.59  | 976.03  | 975.97     | 0.04    | ppb   |
| Iron       | 57-2  | 1035.41 | 1009.07 | 1008.65 | 1017.71    | 1.51    | ppb   |
| Lead       | 206-1 | 194.38  | 196.29  | 192.07  | 194.25     | 1.09    | ppb   |
| Lead       | 207-1 | 188.31  | 187.91  | 186.38  | 187.53     | 0.54    | ppb   |
| Lead       | 208-1 | 192.38  | 192.58  | 190.88  | 191.95     | 0.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1170.37 | 1162.15 | 1175.22 | 1169.25    | 0.57    | ppb   |
| Manganese  | 55-2  | 98.67   | 97.42   | 99.14   | 98.41      | 0.90    | ppb   |



|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-24 14:25:23 | DataFile Name :   | 012ICV01_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 475.86  | 472.27  | 462.57  | 470.24     | 1.46    | ppb   |
| Molybdenum | 95-1  | 462.55  | 454.07  | 446.18  | 454.27     | 1.80    | ppb   |
| Molybdenum | 96-1  | 463.83  | 463.15  | 453.98  | 460.32     | 1.20    | ppb   |
| Molybdenum | 97-1  | 444.99  | 440.06  | 439.78  | 441.61     | 0.66    | ppb   |
| Molybdenum | 98-1  | 454.17  | 453.81  | 455.00  | 454.33     | 0.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 99.46   | 102.27  | 100.54  | 100.76     | 1.41    | ppb   |
| Phosphorus | 31-2  | 11.68   | 11.88   | 11.93   | 11.83      | 1.13    | ppb   |
| Potassium  | 39-2  | 1940.17 | 2017.43 | 1943.56 | 1967.05    | 2.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 246.90  | 205.85  | 150.07  | 200.94     | 24.19   | ppb   |
| Selenium   | 78-2  | 199.51  | 191.00  | 185.49  | 192.00     | 3.68    | ppb   |
| Selenium   | 82-1  | 197.09  | 199.24  | 197.95  | 198.09     | 0.55    | ppb   |
| Silicon    | 28-1  | 426.03  | 422.49  | 420.76  | 423.09     | 0.63    | ppb   |
| Silver     | 109-1 | 101.80  | 100.68  | 98.45   | 100.31     | 1.70    | ppb   |
| Silver     | 107-1 | 102.21  | 101.34  | 99.43   | 100.99     | 1.41    | ppb   |
| Sodium     | 23-2  | 1969.73 | 1995.40 | 1987.76 | 1984.30    | 0.66    | ppb   |
| Strontium  | 86-1  | 461.65  | 452.78  | 457.32  | 457.25     | 0.97    | ppb   |
| Strontium  | 88-1  | 462.82  | 454.80  | 455.58  | 457.73     | 0.97    | ppb   |
| Sulfur     | 34-1  | 375.90  | 109.32  | -263.04 | 74.06      | 433.34  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 200.06  | 196.65  | 195.06  | 197.25     | 1.29    | ppb   |
| Thallium   | 205-1 | 204.04  | 204.30  | 198.56  | 202.30     | 1.60    | ppb   |
| Tin        | 118-1 | 472.50  | 471.77  | 454.90  | 466.39     | 2.13    | ppb   |
| Titanium   | 47-1  | 460.57  | 449.64  | 448.07  | 452.76     | 1.50    | ppb   |
| Uranium    | 238-1 | 467.32  | 478.66  | 471.34  | 472.44     | 1.22    | ppb   |
| Vanadium   | 51-2  | 96.70   | 97.43   | 97.91   | 97.34      | 0.63    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 203.61  | 201.59  | 202.50  | 202.57     | 0.50    | ppb   |
| Zirconium  | 90-1  | 483.12  | 475.52  | 473.59  | 477.41     | 1.06    | ppb   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-24 14:25:23 | DataFile Name :   | 012ICV01_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 473.58  | 471.66  | 464.43  | 469.89     | 1.03    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:30:55 DataFile Name : 013CCBE\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -2.72   | 3.45    | 1.37    | 0.70       | 447.65  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.05       | 11.84   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 111.33  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.65    | 5.96    | 4.92    | 5.51       | 9.69    | ppb   |
| Boron      | 11-1  | 5.71    | 7.01    | 5.70    | 6.14       | 12.25   | ppb   |
| Cadmium    | 111-1 | 0.07    | -0.05   | -0.06   | -0.01      |         | ppb   |
| Cadmium    | 106-1 | 0.93    | -0.68   | -0.76   | -0.17      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 5.54    | -8.78   | 4.50    | 0.42       | 1900.46 | ppb   |
| Calcium    | 44-1  | 8.27    | 3.95    | 4.82    | 5.68       | 40.23   | ppb   |
| Chromium   | 52-2  | -0.10   | -0.05   | -0.01   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.46    | 0.18    | 0.15    | 0.26       | 65.29   | ppb   |
| Iron       | 57-2  | 0.72    | -0.09   | -0.97   | -0.12      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.07    | 0.06    | 0.06       | 26.39   | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.04    | 0.06       | 23.29   | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.04    | 0.05       | 13.52   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.13    | -0.09   | 1.73    | 0.92       | 100.52  | ppb   |
| Manganese  | 55-2  | 0.03    | -0.01   | 0.03    | 0.02       | 121.31  | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:30:55 | DataFile Name :   | 013CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.01    | 0.01       | 42.80   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       | 345.69  | ppb   |
| Molybdenum | 97-1  | -0.02   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.06   | 0.00    | -0.05   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 0.03    | 12.45   | -0.01   | 4.16       | 172.89  | ppb   |
| Potassium  | 39-2  | 11.58   | 21.45   | 17.33   | 16.79      | 29.53   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.02    | 0.00    | 0.00    | 1.01       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.32   | 0.14    | -0.84   | -0.67      |         | ppb   |
| Selenium   | 82-1  | 0.70    | 0.43    | 0.54    | 0.56       | 24.54   | ppb   |
| Silicon    | 28-1  | -7.24   | -9.33   | -10.38  | -8.99      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.01    | 0.01       | 18.64   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 46.23   | ppb   |
| Sodium     | 23-2  | 26.96   | 32.29   | 27.09   | 28.78      | 10.56   | ppb   |
| Strontium  | 86-1  | 0.05    | 0.11    | 0.13    | 0.10       | 44.39   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 175.36  | 242.98  | 110.28  | 176.21     | 37.66   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.05    | 0.04    | 0.04       | 32.62   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.04    | 0.03       | 12.55   | ppb   |
| Tin        | 118-1 | 0.18    | 0.14    | 0.12    | 0.15       | 17.93   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.02   | 0.01    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.13    | 0.15    | 0.13    | 0.14       | 7.92    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 38.27   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:30:55 | DataFile Name :   | 013CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.03    | 0.03       | 43.93   | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 88987.63 | 88400.37 | 86766.69 | 88051.56   | 1.31    | ppb   |
| Antimony   | 121-1 | 1.17     | 1.15     | 1.19     | 1.17       | 1.71    | ppb   |
| Arsenic    | 75-2  | 0.18     | 0.19     | 0.23     | 0.20       | 13.30   | ppb   |
| Barium     | 135-1 | 1.47     | 1.38     | 1.42     | 1.42       | 3.44    | ppb   |
| Barium     | 137-1 | 1.47     | 1.44     | 1.41     | 1.44       | 2.24    | ppb   |
| Beryllium  | 9-1   | 0.19     | 0.14     | 0.25     | 0.19       | 28.88   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 5.95     | 6.74     | 6.05     | 6.25       | 6.90    | ppb   |
| Boron      | 11-1  | 7.04     | 6.21     | 5.74     | 6.33       | 10.39   | ppb   |
| Cadmium    | 111-1 | 0.25     | 0.17     | 0.15     | 0.19       | 27.26   | ppb   |
| Cadmium    | 106-1 | -0.26    | -0.81    | -1.75    | -0.94      |         | ppb   |
| Cadmium    | 108-1 | 6.51     | 7.01     | 5.51     | 6.34       | 12.07   | ppb   |
| Calcium    | 43-1  | 92864.12 | 91792.78 | 90554.38 | 91737.09   | 1.26    | ppb   |
| Calcium    | 44-1  | 91906.80 | 90470.22 | 90196.20 | 90857.74   | 1.01    | ppb   |
| Chromium   | 52-2  | 19.25    | 19.37    | 18.91    | 19.17      | 1.25    | ppb   |
| Cobalt     | 59-2  | 1.12     | 1.09     | 1.00     | 1.07       | 5.50    | ppb   |
| Copper     | 63-2  | 7.64     | 7.50     | 7.53     | 7.56       | 0.98    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 96902.32 | 94907.17 | 93803.82 | 95204.44   | 1.65    | ppb   |
| Iron       | 57-2  | 99186.37 | 97634.90 | 95837.39 | 97552.88   | 1.72    | ppb   |
| Lead       | 206-1 | 4.49     | 4.64     | 4.62     | 4.58       | 1.73    | ppb   |
| Lead       | 207-1 | 3.95     | 3.85     | 4.08     | 3.96       | 2.84    | ppb   |
| Lead       | 208-1 | 4.16     | 4.21     | 4.21     | 4.19       | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 94076.57 | 92724.75 | 91613.63 | 92804.98   | 1.33    | ppb   |
| Manganese  | 55-2  | 7.26     | 7.90     | 7.78     | 7.65       | 4.46    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 598.23   | 603.42   | 603.87   | 601.84     | 0.52    | ppb   |
| Molybdenum | 95-1  | 1808.24  | 1818.24  | 1834.18  | 1820.22    | 0.72    | ppb   |
| Molybdenum | 96-1  | 1540.01  | 1535.93  | 1551.05  | 1542.33    | 0.51    | ppb   |
| Molybdenum | 97-1  | 1818.66  | 1828.56  | 1820.79  | 1822.67    | 0.29    | ppb   |
| Molybdenum | 98-1  | 1850.75  | 1828.07  | 1834.61  | 1837.81    | 0.64    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.03     | 5.33     | 5.16     | 5.17       | 2.82    | ppb   |
| Phosphorus | 31-2  | 96017.13 | 93875.09 | 91966.14 | 93952.79   | 2.16    | ppb   |
| Potassium  | 39-2  | 97677.45 | 96797.75 | 95297.69 | 96590.97   | 1.25    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 6.21     | 2.07       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.33    | 0.18     | -1.31    | -0.48      |         | ppb   |
| Selenium   | 82-1  | 0.33     | 0.78     | 0.23     | 0.45       | 65.12   | ppb   |
| Silicon    | 28-1  | 21.07    | 18.13    | 16.33    | 18.51      | 12.94   | ppb   |
| Silver     | 109-1 | 0.15     | 0.17     | 0.15     | 0.16       | 6.02    | ppb   |
| Silver     | 107-1 | 0.14     | 0.16     | 0.16     | 0.15       | 7.70    | ppb   |
| Sodium     | 23-2  | 96073.16 | 93075.69 | 93514.94 | 94221.26   | 1.72    | ppb   |
| Strontium  | 86-1  | 31.74    | 32.70    | 32.28    | 32.24      | 1.49    | ppb   |
| Strontium  | 88-1  | 32.38    | 32.55    | 32.85    | 32.60      | 0.73    | ppb   |
| Sulfur     | 34-1  | 78244.33 | 75969.41 | 75136.91 | 76450.21   | 2.10    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.18     | 0.18     | 0.12     | 0.16       | 20.24   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.15     | 0.14     | 0.15       | 11.40   | ppb   |
| Tin        | 118-1 | 0.31     | 0.35     | 0.33     | 0.33       | 5.39    | ppb   |
| Titanium   | 47-1  | 1897.23  | 1899.26  | 1866.26  | 1887.58    | 0.98    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 27.76   | ppb   |
| Vanadium   | 51-2  | 0.14     | 0.15     | 0.18     | 0.16       | 11.05   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11.96    | 11.30    | 11.34    | 11.53      | 3.20    | ppb   |
| Zirconium  | 90-1  | 0.60     | 0.63     | 0.61     | 0.61       | 2.52    | ppb   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.67    | 0.55    | 0.54    | 0.59       | 12.63   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:37:12 | DataFile Name :   | 015ICSB_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 87300.62 | 91215.19  | 87420.52  | 88645.44   | 2.51    | ppb   |
| Antimony   | 121-1 | 20.40    | 20.40     | 22.46     | 21.09      | 5.64    | ppb   |
| Arsenic    | 75-2  | 20.04    | 19.98     | 19.27     | 19.77      | 2.16    | ppb   |
| Barium     | 135-1 | 21.09    | 21.09     | 23.44     | 21.87      | 6.20    | ppb   |
| Barium     | 137-1 | 21.82    | 21.57     | 23.88     | 22.43      | 5.65    | ppb   |
| Beryllium  | 9-1   | 21.56    | 20.03     | 23.14     | 21.58      | 7.20    | ppb   |
| Bismuth    | 209-1 |          |           |           |            |         | %     |
| Bismuth    | 209-2 |          |           |           |            |         | %     |
| Boron      | 10-1  | 56.78    | 55.70     | 62.05     | 58.18      | 5.84    | ppb   |
| Boron      | 11-1  | 54.96    | 56.30     | 63.40     | 58.22      | 7.79    | ppb   |
| Cadmium    | 111-1 | 19.19    | 19.36     | 21.86     | 20.14      | 7.43    | ppb   |
| Cadmium    | 106-1 | 19.05    | 19.92     | 25.84     | 21.61      | 17.11   | ppb   |
| Cadmium    | 108-1 | 27.60    | 27.90     | 29.78     | 28.42      | 4.16    | ppb   |
| Calcium    | 43-1  | 92934.73 | 91697.46  | 102313.02 | 95648.40   | 6.07    | ppb   |
| Calcium    | 44-1  | 91823.75 | 91463.78  | 101933.32 | 95073.61   | 6.25    | ppb   |
| Chromium   | 52-2  | 38.75    | 39.34     | 38.14     | 38.74      | 1.55    | ppb   |
| Cobalt     | 59-2  | 20.80    | 21.43     | 20.84     | 21.02      | 1.67    | ppb   |
| Copper     | 63-2  | 27.03    | 27.95     | 26.63     | 27.20      | 2.49    | ppb   |
| Dysprosium | 156-1 |          |           |           |            |         | cps   |
| Dysprosium | 156-2 |          |           |           |            |         | cps   |
| Erbium     | 164-1 |          |           |           |            |         | cps   |
| Erbium     | 164-2 |          |           |           |            |         | cps   |
| Gadolinium | 160-1 |          |           |           |            |         | cps   |
| Gadolinium | 160-2 |          |           |           |            |         | cps   |
| Holmium    | 165-1 |          |           |           |            |         | %     |
| Holmium    | 165-2 |          |           |           |            |         | %     |
| Indium     | 115-1 |          |           |           |            |         | %     |
| Indium     | 115-2 |          |           |           |            |         | %     |
| Iron       | 56-2  | 93919.41 | 98698.64  | 94500.48  | 95706.17   | 2.72    | ppb   |
| Iron       | 57-2  | 96854.25 | 100660.45 | 97271.69  | 98262.13   | 2.12    | ppb   |
| Lead       | 206-1 | 24.55    | 25.20     | 27.77     | 25.84      | 6.59    | ppb   |
| Lead       | 207-1 | 22.64    | 22.91     | 25.13     | 23.56      | 5.81    | ppb   |
| Lead       | 208-1 | 23.37    | 23.72     | 26.14     | 24.41      | 6.17    | ppb   |
| Lithium    | 6-1   |          |           |           |            |         | %     |
| Magnesium  | 24-2  | 91724.90 | 96900.82  | 91777.65  | 93467.79   | 3.18    | ppb   |
| Manganese  | 55-2  | 27.87    | 28.36     | 26.88     | 27.70      | 2.72    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:37:12 | DataFile Name :   | 015ICSB_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 645.04   | 653.56   | 742.82   | 680.47     | 7.96    | ppb   |
| Molybdenum | 95-1  | 1853.29  | 1891.67  | 2161.62  | 1968.86    | 8.53    | ppb   |
| Molybdenum | 96-1  | 1593.52  | 1590.91  | 1815.56  | 1666.66    | 7.74    | ppb   |
| Molybdenum | 97-1  | 1844.07  | 1874.57  | 2108.85  | 1942.50    | 7.46    | ppb   |
| Molybdenum | 98-1  | 1861.74  | 1903.75  | 2124.66  | 1963.38    | 7.19    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.10    | 24.93    | 24.55    | 24.86      | 1.13    | ppb   |
| Phosphorus | 31-2  | 91314.31 | 96094.27 | 93280.09 | 93562.89   | 2.57    | ppb   |
| Potassium  | 39-2  | 95081.13 | 99194.59 | 95341.80 | 96539.17   | 2.39    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 12.31    | 12.34    | 30.93    | 18.52      | 58.00   | ppb   |
| Selenium   | 78-2  | 17.80    | 18.82    | 17.89    | 18.17      | 3.12    | ppb   |
| Selenium   | 82-1  | 18.85    | 19.46    | 20.49    | 19.60      | 4.24    | ppb   |
| Silicon    | 28-1  | 72.67    | 67.25    | 94.44    | 78.12      | 18.42   | ppb   |
| Silver     | 109-1 | 18.26    | 18.69    | 20.37    | 19.11      | 5.83    | ppb   |
| Silver     | 107-1 | 18.54    | 18.76    | 20.32    | 19.21      | 5.05    | ppb   |
| Sodium     | 23-2  | 93501.52 | 97785.41 | 93901.85 | 95062.93   | 2.49    | ppb   |
| Strontium  | 86-1  | 77.27    | 77.84    | 88.13    | 81.08      | 7.54    | ppb   |
| Strontium  | 88-1  | 80.03    | 79.36    | 89.46    | 82.95      | 6.81    | ppb   |
| Sulfur     | 34-1  | 76151.61 | 74885.67 | 84738.52 | 78591.93   | 6.82    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 19.85    | 19.93    | 22.38    | 20.72      | 6.95    | ppb   |
| Thallium   | 205-1 | 20.01    | 20.25    | 22.41    | 20.89      | 6.33    | ppb   |
| Tin        | 118-1 | 44.90    | 45.76    | 50.72    | 47.13      | 6.66    | ppb   |
| Titanium   | 47-1  | 1959.77  | 1937.99  | 2143.21  | 2013.65    | 5.60    | ppb   |
| Uranium    | 238-1 | 45.88    | 46.24    | 51.65    | 47.92      | 6.75    | ppb   |
| Vanadium   | 51-2  | 19.73    | 20.15    | 19.09    | 19.66      | 2.71    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 30.10    | 32.14    | 31.34    | 31.19      | 3.30    | ppb   |
| Zirconium  | 90-1  | 49.00    | 49.62    | 56.23    | 51.62      | 7.76    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:37:12 | DataFile Name :   | 015ICSB_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 49.16   | 48.34   | 54.92   | 50.81      | 7.05    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50756.70  | 49634.10  | 48725.51  | 49705.44   | 2.05    | ppb   |
| Antimony   | 121-1 | 494.93    | 498.60    | 496.39    | 496.64     | 0.37    | ppb   |
| Arsenic    | 75-2  | 511.70    | 492.55    | 495.46    | 499.90     | 2.06    | ppb   |
| Barium     | 135-1 | 2522.43   | 2539.59   | 2490.18   | 2517.40    | 1.00    | ppb   |
| Barium     | 137-1 | 2507.85   | 2540.24   | 2499.65   | 2515.91    | 0.85    | ppb   |
| Beryllium  | 9-1   | 514.17    | 509.85    | 511.46    | 511.83     | 0.43    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 513.50    | 512.33    | 514.41    | 513.41     | 0.20    | ppb   |
| Boron      | 11-1  | 517.83    | 512.40    | 522.50    | 517.58     | 0.98    | ppb   |
| Cadmium    | 111-1 | 479.06    | 485.69    | 490.90    | 485.22     | 1.22    | ppb   |
| Cadmium    | 106-1 | 487.50    | 496.49    | 493.49    | 492.50     | 0.93    | ppb   |
| Cadmium    | 108-1 | 490.23    | 493.99    | 493.47    | 492.56     | 0.41    | ppb   |
| Calcium    | 43-1  | 239079.84 | 239328.40 | 239068.64 | 239158.96  | 0.06    | ppb   |
| Calcium    | 44-1  | 239765.35 | 237120.67 | 239407.57 | 238764.53  | 0.60    | ppb   |
| Chromium   | 52-2  | 527.61    | 511.69    | 504.82    | 514.71     | 2.27    | ppb   |
| Cobalt     | 59-2  | 501.99    | 485.94    | 480.57    | 489.50     | 2.28    | ppb   |
| Copper     | 63-2  | 1011.12   | 958.43    | 954.88    | 974.81     | 3.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 123575.76 | 119041.35 | 118068.40 | 120228.50  | 2.44    | ppb   |
| Iron       | 57-2  | 126501.38 | 122966.37 | 121867.87 | 123778.54  | 1.96    | ppb   |
| Lead       | 206-1 | 504.94    | 505.04    | 505.88    | 505.29     | 0.10    | ppb   |
| Lead       | 207-1 | 494.35    | 499.63    | 488.69    | 494.22     | 1.11    | ppb   |
| Lead       | 208-1 | 503.95    | 506.66    | 502.52    | 504.38     | 0.42    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 247652.65 | 239936.90 | 235578.02 | 241055.86  | 2.54    | ppb   |
| Manganese  | 55-2  | 1038.68   | 1009.73   | 992.65    | 1013.69    | 2.30    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 500.55    | 502.39    | 496.30    | 499.75     | 0.62    | ppb   |
| Molybdenum | 95-1  | 507.19    | 504.57    | 498.60    | 503.45     | 0.87    | ppb   |
| Molybdenum | 96-1  | 502.46    | 500.17    | 490.51    | 497.71     | 1.27    | ppb   |
| Molybdenum | 97-1  | 485.19    | 489.49    | 478.36    | 484.35     | 1.16    | ppb   |
| Molybdenum | 98-1  | 504.22    | 501.29    | 488.92    | 498.14     | 1.63    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 508.61    | 492.82    | 485.98    | 495.81     | 2.34    | ppb   |
| Phosphorus | 31-2  | 9700.20   | 10514.19  | 9554.90   | 9923.10    | 5.21    | ppb   |
| Potassium  | 39-2  | 126219.00 | 123214.59 | 122237.93 | 123890.51  | 1.67    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 450.48    | 540.08    | 502.76    | 497.77     | 9.04    | ppb   |
| Selenium   | 78-2  | 501.67    | 511.18    | 467.31    | 493.39     | 4.68    | ppb   |
| Selenium   | 82-1  | 487.84    | 487.86    | 482.04    | 485.91     | 0.69    | ppb   |
| Silicon    | 28-1  | 502.21    | 496.79    | 511.23    | 503.41     | 1.45    | ppb   |
| Silver     | 109-1 | 492.15    | 495.63    | 491.07    | 492.95     | 0.48    | ppb   |
| Silver     | 107-1 | 491.41    | 499.32    | 492.56    | 494.43     | 0.86    | ppb   |
| Sodium     | 23-2  | 250026.24 | 243000.10 | 237514.21 | 243513.52  | 2.58    | ppb   |
| Strontium  | 86-1  | 506.60    | 505.07    | 499.70    | 503.79     | 0.72    | ppb   |
| Strontium  | 88-1  | 512.38    | 506.61    | 505.58    | 508.19     | 0.72    | ppb   |
| Sulfur     | 34-1  | 9406.99   | 9177.55   | 9386.03   | 9323.52    | 1.36    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 507.57    | 506.58    | 509.10    | 507.75     | 0.25    | ppb   |
| Thallium   | 205-1 | 508.86    | 510.87    | 512.42    | 510.71     | 0.35    | ppb   |
| Tin        | 118-1 | 492.24    | 499.03    | 497.83    | 496.37     | 0.73    | ppb   |
| Titanium   | 47-1  | 497.09    | 492.65    | 494.03    | 494.59     | 0.46    | ppb   |
| Uranium    | 238-1 | 513.70    | 511.84    | 510.53    | 512.03     | 0.31    | ppb   |
| Vanadium   | 51-2  | 516.58    | 502.56    | 496.50    | 505.21     | 2.04    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1004.55   | 967.91    | 961.09    | 977.85     | 2.39    | ppb   |
| Zirconium  | 90-1  | 493.12    | 493.72    | 496.25    | 494.36     | 0.34    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 485.23  | 489.61  | 482.43  | 485.76     | 0.75    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:58:40 | DataFile Name :   | 017CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.36    | -0.63   | 0.31    | 0.35       | 286.24  | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.01    | 0.02       | 42.12   | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.03   | 0.00    | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.02   | -0.05   | -0.05   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.04   | -0.01   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.45    | 1.66    | 1.63    | 1.91       | 24.22   | ppb   |
| Boron      | 11-1  | 2.31    | 2.36    | 2.22    | 2.30       | 2.96    | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.02   | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.54   | -0.27   | -0.99   | -0.60      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | 0.02    | 0.02    | 0.06       | 109.59  | ppb   |
| Calcium    | 43-1  | 1.40    | -12.93  | -8.17   | -6.57      |         | ppb   |
| Calcium    | 44-1  | 3.68    | 5.58    | 1.61    | 3.62       | 54.82   | ppb   |
| Chromium   | 52-2  | 0.04    | 0.00    | -0.07   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.02   | 0.03    | 0.01    | 0.01       | 277.68  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.11    | 0.32    | 0.10    | 0.18       | 71.24   | ppb   |
| Iron       | 57-2  | 0.69    | -0.01   | 1.46    | 0.71       | 102.89  | ppb   |
| Lead       | 206-1 | 0.03    | 0.03    | 0.02    | 0.02       | 24.14   | ppb   |
| Lead       | 207-1 | 0.07    | 0.02    | 0.04    | 0.04       | 45.66   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.02    | 0.02       | 33.16   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 3.15    | 1.20    | 1.07    | 1.81       | 64.34   | ppb   |
| Manganese  | 55-2  | 0.05    | 0.07    | 0.07    | 0.06       | 15.67   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:58:40 | DataFile Name :   | 017CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | -0.01   | 0.00       | 566.66  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -12.27  | 12.80   | -0.14   | 0.13       | 9610.36 | ppb   |
| Potassium  | 39-2  | 10.54   | 29.61   | -3.88   | 12.09      | 138.93  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.84   | -0.84   | -1.80   | -1.16      |         | ppb   |
| Selenium   | 82-1  | 0.02    | -0.09   | -0.11   | -0.06      |         | ppb   |
| Silicon    | 28-1  | -10.31  | -11.50  | -13.08  | -11.63     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.02    | 0.02    | 0.02       | 33.09   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 46.02   | ppb   |
| Sodium     | 23-2  | 27.63   | 28.09   | 31.20   | 28.97      | 6.71    | ppb   |
| Strontium  | 86-1  | 0.08    | 0.10    | 0.08    | 0.09       | 12.10   | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -6.25   | 130.39  | -138.61 | -4.82      |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | 0.01    | 0.00    | 0.00       | 1715.42 | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.01    | 0.01       | 112.35  | ppb   |
| Tin        | 118-1 | 0.07    | 0.05    | 0.07    | 0.06       | 12.97   | ppb   |
| Titanium   | 47-1  | -0.01   | 0.04    | -0.02   | 0.00       | 1125.62 | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.05    | 0.11    | 0.11    | 0.09       | 37.96   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.01       | 35.59   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:58:40 | DataFile Name :   | 017CCBE_P8072417.D |

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

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.79   | 19.80   | 20.25   | 19.95      | 1.30    | ppb   |
| Antimony   | 121-1 | 1.99    | 1.84    | 1.73    | 1.85       | 7.13    | ppb   |
| Arsenic    | 75-2  | 1.07    | 0.95    | 0.79    | 0.94       | 15.04   | ppb   |
| Barium     | 135-1 | 9.05    | 9.30    | 9.09    | 9.15       | 1.47    | ppb   |
| Barium     | 137-1 | 9.27    | 8.92    | 9.07    | 9.09       | 1.94    | ppb   |
| Beryllium  | 9-1   | 0.88    | 0.73    | 0.88    | 0.83       | 10.58   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 21.53   | 24.40   | 20.34   | 22.09      | 9.47    | ppb   |
| Boron      | 11-1  | 22.41   | 23.57   | 23.78   | 23.25      | 3.18    | ppb   |
| Cadmium    | 111-1 | 0.90    | 0.85    | 0.89    | 0.88       | 3.10    | ppb   |
| Cadmium    | 106-1 | 0.51    | 0.87    | 0.81    | 0.73       | 26.41   | ppb   |
| Cadmium    | 108-1 | 1.37    | 0.97    | 1.01    | 1.12       | 19.75   | ppb   |
| Calcium    | 43-1  | 439.30  | 394.49  | 414.10  | 415.96     | 5.40    | ppb   |
| Calcium    | 44-1  | 450.43  | 432.27  | 427.92  | 436.87     | 2.73    | ppb   |
| Chromium   | 52-2  | 1.88    | 1.90    | 1.67    | 1.82       | 6.95    | ppb   |
| Cobalt     | 59-2  | 0.85    | 0.89    | 0.93    | 0.89       | 4.12    | ppb   |
| Copper     | 63-2  | 1.90    | 1.87    | 1.79    | 1.85       | 3.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 45.59   | 45.89   | 43.84   | 45.11      | 2.45    | ppb   |
| Iron       | 57-2  | 49.85   | 42.04   | 41.14   | 44.34      | 10.80   | ppb   |
| Lead       | 206-1 | 1.21    | 1.09    | 1.14    | 1.15       | 5.30    | ppb   |
| Lead       | 207-1 | 1.21    | 1.28    | 1.17    | 1.22       | 4.51    | ppb   |
| Lead       | 208-1 | 1.19    | 1.14    | 1.14    | 1.16       | 2.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 445.36  | 431.91  | 432.48  | 436.59     | 1.74    | ppb   |
| Manganese  | 55-2  | 1.02    | 0.99    | 0.87    | 0.96       | 8.50    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 2.02    | 2.11    | 2.09    | 2.07       | 2.26    | ppb   |
| Molybdenum | 95-1  | 4.33    | 4.36    | 4.36    | 4.35       | 0.36    | ppb   |
| Molybdenum | 96-1  | 3.56    | 3.58    | 3.80    | 3.65       | 3.69    | ppb   |
| Molybdenum | 97-1  | 3.88    | 4.20    | 4.17    | 4.08       | 4.31    | ppb   |
| Molybdenum | 98-1  | 4.40    | 4.25    | 4.23    | 4.29       | 2.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.84    | 0.89    | 0.80    | 0.84       | 5.10    | ppb   |
| Phosphorus | 31-2  | 12.33   | 0.02    | -0.28   | 4.02       | 178.71  | ppb   |
| Potassium  | 39-2  | 464.82  | 486.56  | 497.64  | 483.01     | 3.46    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 9.17    | 9.11    | 6.13    | 8.13       | 21.39   | ppb   |
| Selenium   | 78-2  | 5.50    | 7.38    | 4.05    | 5.64       | 29.66   | ppb   |
| Selenium   | 82-1  | 5.60    | 5.29    | 5.25    | 5.38       | 3.57    | ppb   |
| Silicon    | 28-1  | 3.18    | -0.77   | -3.01   | -0.20      |         | ppb   |
| Silver     | 109-1 | 1.23    | 1.20    | 1.15    | 1.20       | 3.31    | ppb   |
| Silver     | 107-1 | 1.27    | 1.11    | 1.21    | 1.20       | 6.51    | ppb   |
| Sodium     | 23-2  | 483.53  | 477.54  | 472.75  | 477.94     | 1.13    | ppb   |
| Strontium  | 86-1  | 1.01    | 1.07    | 0.99    | 1.02       | 4.30    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.91    | 0.90    | 0.91       | 1.57    | ppb   |
| Sulfur     | 34-1  | 235.58  | -28.11  | -158.66 | 16.27      | 1234.38 | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.83    | 0.88    | 0.91    | 0.87       | 5.17    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.88    | 0.92    | 0.92       | 4.63    | ppb   |
| Tin        | 118-1 | 4.66    | 4.55    | 4.47    | 4.56       | 2.12    | ppb   |
| Titanium   | 47-1  | 4.41    | 4.22    | 4.21    | 4.28       | 2.62    | ppb   |
| Uranium    | 238-1 | 0.92    | 0.84    | 0.81    | 0.85       | 6.39    | ppb   |
| Vanadium   | 51-2  | 4.37    | 4.46    | 4.42    | 4.41       | 1.02    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 2.06    | 1.91    | 2.03    | 2.00       | 3.90    | ppb   |
| Zirconium  | 90-1  | 0.96    | 0.91    | 0.96    | 0.94       | 3.34    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.90    | 0.96    | 0.98    | 0.95       | 4.57    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.24    | 12.78   | 7.59    | 8.54       | 45.15   | ppb   |
| Antimony   | 121-1 | 0.30    | 0.31    | 0.31    | 0.31       | 2.38    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.21    | 0.21    | 0.24       | 18.16   | ppb   |
| Barium     | 135-1 | 1.33    | 1.45    | 1.52    | 1.43       | 6.57    | ppb   |
| Barium     | 137-1 | 1.47    | 1.52    | 1.43    | 1.47       | 2.97    | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.21    | 0.33    | 0.25       | 29.19   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.05    | 2.66    | 3.39    | 2.70       | 24.84   | ppb   |
| Boron      | 11-1  | 2.71    | 2.19    | 2.95    | 2.61       | 14.79   | ppb   |
| Cadmium    | 111-1 | 0.23    | 0.24    | 0.29    | 0.26       | 12.21   | ppb   |
| Cadmium    | 106-1 | -0.69   | -0.45   | -0.04   | -0.39      |         | ppb   |
| Cadmium    | 108-1 | 0.25    | 0.33    | 0.25    | 0.28       | 15.21   | ppb   |
| Calcium    | 43-1  | 26.05   | 25.70   | 27.80   | 26.52      | 4.24    | ppb   |
| Calcium    | 44-1  | 26.03   | 23.93   | 25.37   | 25.11      | 4.28    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.33    | 0.29    | 0.29       | 12.75   | ppb   |
| Cobalt     | 59-2  | 0.28    | 0.27    | 0.25    | 0.27       | 7.10    | ppb   |
| Copper     | 63-2  | 0.62    | 0.61    | 0.59    | 0.61       | 3.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.54   | 15.18   | 15.06   | 14.93      | 2.30    | ppb   |
| Iron       | 57-2  | 13.56   | 12.61   | 13.14   | 13.10      | 3.63    | ppb   |
| Lead       | 206-1 | 0.37    | 0.34    | 0.32    | 0.34       | 7.19    | ppb   |
| Lead       | 207-1 | 0.37    | 0.35    | 0.31    | 0.34       | 8.92    | ppb   |
| Lead       | 208-1 | 0.33    | 0.33    | 0.29    | 0.32       | 7.23    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 26.30   | 31.12   | 25.07   | 27.49      | 11.63   | ppb   |
| Manganese  | 55-2  | 0.81    | 0.73    | 0.59    | 0.71       | 15.86   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.32    | 0.29    | 0.30    | 0.30       | 5.55    | ppb   |
| Molybdenum | 95-1  | 0.23    | 0.27    | 0.30    | 0.27       | 13.00   | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.29    | 0.25    | 0.27       | 8.14    | ppb   |
| Molybdenum | 97-1  | 0.28    | 0.28    | 0.19    | 0.25       | 20.82   | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.33    | 0.26    | 0.28       | 17.19   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.20    | 0.28    | 0.34    | 0.27       | 24.35   | ppb   |
| Phosphorus | 31-2  | 23.60   | 24.97   | 12.51   | 20.36      | 33.57   | ppb   |
| Potassium  | 39-2  | 27.50   | 38.96   | 7.62    | 24.69      | 64.22   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 12.13   | 3.07    | 5.07       | 124.46  | ppb   |
| Selenium   | 78-2  | 0.63    | 0.61    | 1.13    | 0.79       | 37.16   | ppb   |
| Selenium   | 82-1  | 1.53    | 2.23    | 0.68    | 1.48       | 52.47   | ppb   |
| Silicon    | 28-1  | -11.65  | -11.97  | -12.03  | -11.88     |         | ppb   |
| Silver     | 109-1 | 0.34    | 0.27    | 0.27    | 0.29       | 13.49   | ppb   |
| Silver     | 107-1 | 0.29    | 0.34    | 0.28    | 0.30       | 9.05    | ppb   |
| Sodium     | 23-2  | 57.45   | 55.56   | 58.78   | 57.26      | 2.82    | ppb   |
| Strontium  | 86-1  | 0.24    | 0.30    | 0.46    | 0.33       | 34.78   | ppb   |
| Strontium  | 88-1  | 0.29    | 0.29    | 0.29    | 0.29       | 0.30    | ppb   |
| Sulfur     | 34-1  | 64.82   | -61.22  | 31.17   | 11.59      | 563.02  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.30    | 0.27    | 0.31    | 0.29       | 8.03    | ppb   |
| Thallium   | 205-1 | 0.31    | 0.32    | 0.28    | 0.30       | 7.17    | ppb   |
| Tin        | 118-1 | 0.28    | 0.50    | 0.29    | 0.36       | 34.16   | ppb   |
| Titanium   | 47-1  | 0.28    | 0.20    | 0.28    | 0.25       | 17.67   | ppb   |
| Uranium    | 238-1 | 0.25    | 0.27    | 0.25    | 0.26       | 4.21    | ppb   |
| Vanadium   | 51-2  | 0.35    | 0.29    | 0.30    | 0.31       | 11.39   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.60    | 0.55    | 0.45    | 0.53       | 14.18   | ppb   |
| Zirconium  | 90-1  | 0.25    | 0.27    | 0.28    | 0.27       | 4.55    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.32    | 0.24    | 0.26       | 17.55   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#2        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#2        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:08:13 | DataFile Name :   | 020SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.27    | 3.25    | 8.38    | 5.30       | 51.25   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.26    | 0.29    | 0.28       | 4.55    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.26    | 0.16    | 0.24       | 28.84   | ppb   |
| Barium     | 135-1 | 1.38    | 1.29    | 1.49    | 1.39       | 7.39    | ppb   |
| Barium     | 137-1 | 1.49    | 1.50    | 1.47    | 1.49       | 1.03    | ppb   |
| Beryllium  | 9-1   | 0.32    | 0.16    | 0.31    | 0.26       | 32.79   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.02    | 1.95    | 0.27    | 1.41       | 69.93   | ppb   |
| Boron      | 11-1  | 1.88    | 1.84    | 2.06    | 1.93       | 6.16    | ppb   |
| Cadmium    | 111-1 | 0.24    | 0.24    | 0.30    | 0.26       | 11.57   | ppb   |
| Cadmium    | 106-1 | -0.82   | -0.23   | 0.08    | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.33    | 0.32    | 0.06    | 0.24       | 63.46   | ppb   |
| Calcium    | 43-1  | 10.32   | 8.07    | 35.57   | 17.99      | 84.87   | ppb   |
| Calcium    | 44-1  | 26.39   | 23.16   | 23.99   | 24.51      | 6.84    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.19    | 0.29    | 0.27       | 25.87   | ppb   |
| Cobalt     | 59-2  | 0.29    | 0.29    | 0.29    | 0.29       | 0.95    | ppb   |
| Copper     | 63-2  | 0.58    | 0.57    | 0.60    | 0.58       | 2.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.32   | 14.15   | 13.68   | 14.05      | 2.34    | ppb   |
| Iron       | 57-2  | 14.70   | 15.73   | 14.11   | 14.85      | 5.53    | ppb   |
| Lead       | 206-1 | 0.33    | 0.29    | 0.32    | 0.31       | 7.94    | ppb   |
| Lead       | 207-1 | 0.29    | 0.31    | 0.31    | 0.30       | 2.58    | ppb   |
| Lead       | 208-1 | 0.30    | 0.27    | 0.29    | 0.29       | 5.38    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 25.97   | 28.88   | 31.95   | 28.93      | 10.35   | ppb   |
| Manganese  | 55-2  | 0.56    | 0.50    | 0.68    | 0.58       | 15.27   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#2        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#2        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:08:13 | DataFile Name :   | 020SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.25    | 0.23    | 0.24       | 5.52    | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.24    | 0.28    | 0.26       | 9.86    | ppb   |
| Molybdenum | 96-1  | 0.22    | 0.29    | 0.31    | 0.28       | 17.53   | ppb   |
| Molybdenum | 97-1  | 0.24    | 0.23    | 0.35    | 0.28       | 24.73   | ppb   |
| Molybdenum | 98-1  | 0.25    | 0.25    | 0.28    | 0.26       | 6.06    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.16    | 0.26    | 0.24       | 28.16   | ppb   |
| Phosphorus | 31-2  | -12.27  | -0.32   | -0.15   | -4.25      |         | ppb   |
| Potassium  | 39-2  | 34.64   | 27.18   | 11.75   | 24.52      | 47.61   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 9.05    | 0.00    | 3.03    | 4.03       | 114.42  | ppb   |
| Selenium   | 78-2  | 0.12    | 0.61    | -0.35   | 0.13       | 378.21  | ppb   |
| Selenium   | 82-1  | 2.67    | 2.34    | 1.71    | 2.24       | 21.88   | ppb   |
| Silicon    | 28-1  | -14.73  | -12.74  | -11.64  | -13.03     |         | ppb   |
| Silver     | 109-1 | 0.31    | 0.27    | 0.30    | 0.29       | 7.75    | ppb   |
| Silver     | 107-1 | 0.29    | 0.28    | 0.32    | 0.30       | 6.09    | ppb   |
| Sodium     | 23-2  | 48.96   | 45.49   | 53.11   | 49.18      | 7.76    | ppb   |
| Strontium  | 86-1  | 0.41    | 0.41    | 0.37    | 0.40       | 6.11    | ppb   |
| Strontium  | 88-1  | 0.28    | 0.30    | 0.26    | 0.28       | 7.48    | ppb   |
| Sulfur     | 34-1  | -41.01  | -257.71 | -139.49 | -146.07    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.29    | 0.30    | 0.32    | 0.30       | 4.95    | ppb   |
| Thallium   | 205-1 | 0.26    | 0.27    | 0.31    | 0.28       | 8.41    | ppb   |
| Tin        | 118-1 | 0.31    | 0.32    | 0.28    | 0.30       | 7.25    | ppb   |
| Titanium   | 47-1  | 0.24    | 0.26    | 0.22    | 0.24       | 8.81    | ppb   |
| Uranium    | 238-1 | 0.26    | 0.25    | 0.23    | 0.25       | 4.99    | ppb   |
| Vanadium   | 51-2  | 0.30    | 0.24    | 0.21    | 0.25       | 19.19   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.50    | 0.71    | 0.50    | 0.57       | 21.01   | ppb   |
| Zirconium  | 90-1  | 0.26    | 0.29    | 0.26    | 0.27       | 6.02    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#2        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#2        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:08:13 | DataFile Name :   | 020SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.32    | 0.20    | 0.25    | 0.26       | 22.76   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.33    | 0.27    | 7.39    | 5.00       | 81.92   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.27    | 0.30    | 0.28       | 6.09    | ppb   |
| Arsenic    | 75-2  | 0.22    | 0.29    | 0.32    | 0.28       | 19.15   | ppb   |
| Barium     | 135-1 | 1.37    | 1.34    | 1.42    | 1.38       | 2.69    | ppb   |
| Barium     | 137-1 | 1.39    | 1.38    | 1.38    | 1.39       | 0.36    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.23    | 0.31    | 0.26       | 13.86   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.82    | 0.17    | 1.41    | 1.13       | 75.89   | ppb   |
| Boron      | 11-1  | 2.19    | 1.58    | 2.11    | 1.96       | 16.74   | ppb   |
| Cadmium    | 111-1 | 0.25    | 0.23    | 0.19    | 0.22       | 13.37   | ppb   |
| Cadmium    | 106-1 | -0.48   | -0.09   | -0.20   | -0.26      |         | ppb   |
| Cadmium    | 108-1 | 0.41    | 0.18    | 0.41    | 0.34       | 40.98   | ppb   |
| Calcium    | 43-1  | 32.44   | 21.13   | 28.91   | 27.49      | 21.04   | ppb   |
| Calcium    | 44-1  | 22.57   | 22.24   | 31.52   | 25.44      | 20.70   | ppb   |
| Chromium   | 52-2  | 0.25    | 0.17    | 0.30    | 0.24       | 27.99   | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.27    | 0.25    | 0.26       | 4.00    | ppb   |
| Copper     | 63-2  | 0.51    | 0.60    | 0.59    | 0.56       | 8.93    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.39   | 13.98   | 14.47   | 13.95      | 3.85    | ppb   |
| Iron       | 57-2  | 12.93   | 13.30   | 20.76   | 15.66      | 28.20   | ppb   |
| Lead       | 206-1 | 0.29    | 0.28    | 0.27    | 0.28       | 3.13    | ppb   |
| Lead       | 207-1 | 0.31    | 0.31    | 0.32    | 0.31       | 2.53    | ppb   |
| Lead       | 208-1 | 0.28    | 0.29    | 0.28    | 0.28       | 0.78    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 23.96   | 28.70   | 27.36   | 26.67      | 9.15    | ppb   |
| Manganese  | 55-2  | 0.68    | 0.70    | 0.56    | 0.65       | 11.79   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.29    | 0.23    | 0.27    | 0.26       | 10.82   | ppb   |
| Molybdenum | 95-1  | 0.26    | 0.25    | 0.24    | 0.25       | 3.24    | ppb   |
| Molybdenum | 96-1  | 0.29    | 0.28    | 0.26    | 0.27       | 5.97    | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.22    | 0.23    | 0.21       | 7.05    | ppb   |
| Molybdenum | 98-1  | 0.25    | 0.24    | 0.24    | 0.24       | 1.70    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.25    | 0.23    | 0.26       | 10.70   | ppb   |
| Phosphorus | 31-2  | -12.27  | 35.58   | -12.27  | 3.68       | 750.78  | ppb   |
| Potassium  | 39-2  | 20.28   | 21.80   | 28.08   | 23.39      | 17.69   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 6.05    | 0.00    | 2.02       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.11    | 2.05    | 2.07    | 1.41       | 80.12   | ppb   |
| Selenium   | 82-1  | 2.28    | 2.67    | 1.86    | 2.27       | 17.76   | ppb   |
| Silicon    | 28-1  | -10.62  | -12.28  | -4.63   | -9.18      |         | ppb   |
| Silver     | 109-1 | 0.29    | 0.30    | 0.27    | 0.28       | 4.76    | ppb   |
| Silver     | 107-1 | 0.31    | 0.30    | 0.24    | 0.28       | 13.16   | ppb   |
| Sodium     | 23-2  | 48.71   | 53.09   | 44.39   | 48.73      | 8.92    | ppb   |
| Strontium  | 86-1  | 0.32    | 0.26    | 0.36    | 0.32       | 16.03   | ppb   |
| Strontium  | 88-1  | 0.27    | 0.29    | 0.28    | 0.28       | 3.46    | ppb   |
| Sulfur     | 34-1  | 236.65  | -1.63   | 276.93  | 170.65     | 88.22   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.33    | 0.26    | 0.30    | 0.30       | 11.67   | ppb   |
| Thallium   | 205-1 | 0.24    | 0.27    | 0.28    | 0.27       | 7.70    | ppb   |
| Tin        | 118-1 | 0.25    | 0.28    | 0.29    | 0.27       | 8.28    | ppb   |
| Titanium   | 47-1  | 0.43    | 0.25    | 0.26    | 0.31       | 32.25   | ppb   |
| Uranium    | 238-1 | 0.26    | 0.25    | 0.22    | 0.24       | 7.11    | ppb   |
| Vanadium   | 51-2  | 0.26    | 0.25    | 0.32    | 0.28       | 14.60   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.48    | 0.42    | 0.40    | 0.43       | 9.01    | ppb   |
| Zirconium  | 90-1  | 0.26    | 0.27    | 0.26    | 0.27       | 0.82    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.26    | 0.30    | 0.24    | 0.26       | 10.77   | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#4 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:14:34 DataFile Name : 022SMPL\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.35    | 8.77    | 4.47    | 6.87       | 31.89   | ppb   |
| Antimony   | 121-1 | 0.29    | 0.29    | 0.30    | 0.29       | 2.90    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.28    | 0.16    | 0.24       | 28.50   | ppb   |
| Barium     | 135-1 | 1.40    | 1.43    | 1.12    | 1.32       | 12.84   | ppb   |
| Barium     | 137-1 | 1.37    | 1.38    | 1.48    | 1.41       | 4.39    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.18    | 0.28    | 0.24       | 21.98   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.35    | 1.67    | 0.71    | 1.24       | 39.37   | ppb   |
| Boron      | 11-1  | 1.55    | 2.02    | 1.86    | 1.81       | 13.26   | ppb   |
| Cadmium    | 111-1 | 0.27    | 0.19    | 0.24    | 0.23       | 17.16   | ppb   |
| Cadmium    | 106-1 | -0.27   | -0.78   | -0.44   | -0.50      |         | ppb   |
| Cadmium    | 108-1 | 0.40    | 0.59    | 0.37    | 0.45       | 26.49   | ppb   |
| Calcium    | 43-1  | 27.82   | 4.32    | 14.24   | 15.46      | 76.29   | ppb   |
| Calcium    | 44-1  | 20.05   | 21.46   | 21.06   | 20.86      | 3.49    | ppb   |
| Chromium   | 52-2  | 0.24    | 0.31    | 0.44    | 0.33       | 30.52   | ppb   |
| Cobalt     | 59-2  | 0.28    | 0.30    | 0.28    | 0.28       | 4.27    | ppb   |
| Copper     | 63-2  | 0.58    | 0.69    | 0.64    | 0.64       | 9.02    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.49   | 15.70   | 15.56   | 15.25      | 4.36    | ppb   |
| Iron       | 57-2  | 13.79   | 16.81   | 17.55   | 16.05      | 12.42   | ppb   |
| Lead       | 206-1 | 0.30    | 0.26    | 0.29    | 0.29       | 7.73    | ppb   |
| Lead       | 207-1 | 0.31    | 0.34    | 0.29    | 0.31       | 7.90    | ppb   |
| Lead       | 208-1 | 0.30    | 0.28    | 0.28    | 0.29       | 5.11    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 26.84   | 34.01   | 30.73   | 30.52      | 11.76   | ppb   |
| Manganese  | 55-2  | 0.65    | 0.66    | 0.84    | 0.72       | 14.80   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#4        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#4        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:14:34 | DataFile Name :   | 022SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.27    | 0.25    | 0.27       | 6.54    | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.27    | 0.25    | 0.26       | 5.09    | ppb   |
| Molybdenum | 96-1  | 0.24    | 0.24    | 0.26    | 0.25       | 3.61    | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.19    | 0.28    | 0.25       | 22.04   | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.26    | 0.26    | 0.25       | 3.10    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.17    | 0.29    | 0.33    | 0.27       | 30.96   | ppb   |
| Phosphorus | 31-2  | 24.02   | 25.39   | 0.07    | 16.49      | 86.34   | ppb   |
| Potassium  | 39-2  | 28.02   | 28.28   | 21.87   | 26.06      | 13.92   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 12.39   | 3.02    | 5.14       | 125.83  | ppb   |
| Selenium   | 78-2  | 2.95    | 6.58    | -1.32   | 2.74       | 144.51  | ppb   |
| Selenium   | 82-1  | 3.27    | 1.68    | 1.72    | 2.23       | 40.74   | ppb   |
| Silicon    | 28-1  | -13.98  | -11.17  | -12.18  | -12.44     |         | ppb   |
| Silver     | 109-1 | 0.26    | 0.27    | 0.27    | 0.26       | 2.97    | ppb   |
| Silver     | 107-1 | 0.31    | 0.27    | 0.29    | 0.29       | 6.43    | ppb   |
| Sodium     | 23-2  | 42.98   | 55.20   | 51.01   | 49.73      | 12.49   | ppb   |
| Strontium  | 86-1  | 0.38    | 0.32    | 0.25    | 0.32       | 20.97   | ppb   |
| Strontium  | 88-1  | 0.30    | 0.29    | 0.29    | 0.29       | 1.05    | ppb   |
| Sulfur     | 34-1  | 64.23   | 192.93  | -1.39   | 85.25      | 115.95  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.25    | 0.27    | 0.27    | 0.26       | 5.22    | ppb   |
| Thallium   | 205-1 | 0.28    | 0.29    | 0.28    | 0.28       | 2.40    | ppb   |
| Tin        | 118-1 | 0.35    | 0.71    | 0.22    | 0.43       | 59.15   | ppb   |
| Titanium   | 47-1  | 0.24    | 0.33    | 0.17    | 0.25       | 31.08   | ppb   |
| Uranium    | 238-1 | 0.26    | 0.25    | 0.24    | 0.25       | 3.05    | ppb   |
| Vanadium   | 51-2  | 0.25    | 0.30    | 0.27    | 0.28       | 9.43    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.38    | 0.78    | 0.45    | 0.54       | 39.36   | ppb   |
| Zirconium  | 90-1  | 0.24    | 0.27    | 0.28    | 0.26       | 8.02    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#4        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#4        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:14:34 | DataFile Name :   | 022SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.27    | 0.28    | 0.32    | 0.29       | 8.77    | ppb   |



LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#5 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:17:45 DataFile Name : 023SMPL\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.24    | 3.33    | 5.41    | 3.66       | 44.00   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.28    | 0.31    | 0.28       | 7.31    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.16    | 0.26    | 0.22       | 23.42   | ppb   |
| Barium     | 135-1 | 1.25    | 1.41    | 1.47    | 1.38       | 8.30    | ppb   |
| Barium     | 137-1 | 1.41    | 1.46    | 1.47    | 1.44       | 2.37    | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.26    | 0.22    | 0.24       | 8.95    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.63    | 0.82    | 1.04    | 1.16       | 36.16   | ppb   |
| Boron      | 11-1  | 1.98    | 1.74    | 1.36    | 1.69       | 18.35   | ppb   |
| Cadmium    | 111-1 | 0.29    | 0.33    | 0.34    | 0.32       | 8.72    | ppb   |
| Cadmium    | 106-1 | 0.02    | 0.48    | 0.45    | 0.32       | 82.21   | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.25    | 0.29    | 0.25       | 14.89   | ppb   |
| Calcium    | 43-1  | 24.46   | 12.49   | 29.02   | 21.99      | 38.83   | ppb   |
| Calcium    | 44-1  | 26.09   | 26.89   | 25.47   | 26.15      | 2.73    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.30    | 0.30    | 0.29       | 1.94    | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.24    | 0.24    | 0.26       | 12.39   | ppb   |
| Copper     | 63-2  | 0.54    | 0.58    | 0.53    | 0.55       | 4.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.83   | 14.74   | 15.19   | 14.58      | 4.75    | ppb   |
| Iron       | 57-2  | 11.31   | 10.25   | 13.69   | 11.75      | 14.99   | ppb   |
| Lead       | 206-1 | 0.25    | 0.28    | 0.32    | 0.28       | 12.32   | ppb   |
| Lead       | 207-1 | 0.33    | 0.30    | 0.28    | 0.30       | 8.80    | ppb   |
| Lead       | 208-1 | 0.28    | 0.28    | 0.28    | 0.28       | 0.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 30.93   | 29.91   | 29.13   | 29.99      | 3.00    | ppb   |
| Manganese  | 55-2  | 0.58    | 0.51    | 0.54    | 0.54       | 6.86    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#5        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#5        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:17:45 | DataFile Name :   | 023SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.26    | 0.26    | 0.26       | 4.57    | ppb   |
| Molybdenum | 95-1  | 0.25    | 0.29    | 0.27    | 0.27       | 7.88    | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.28    | 0.25    | 0.27       | 4.66    | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.26    | 0.23    | 0.23       | 11.21   | ppb   |
| Molybdenum | 98-1  | 0.25    | 0.27    | 0.26    | 0.26       | 4.71    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.28    | 0.24    | 0.34    | 0.29       | 16.04   | ppb   |
| Phosphorus | 31-2  | 35.35   | -0.16   | 48.76   | 27.98      | 90.32   | ppb   |
| Potassium  | 39-2  | 20.36   | 29.87   | 35.50   | 28.58      | 26.77   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 9.10    | 0.00    | 3.03       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.52    | -0.84   | -0.36   | 0.44       | 413.24  | ppb   |
| Selenium   | 82-1  | 1.74    | 2.04    | 1.95    | 1.91       | 7.97    | ppb   |
| Silicon    | 28-1  | -8.67   | -10.78  | -12.41  | -10.62     |         | ppb   |
| Silver     | 109-1 | 0.30    | 0.31    | 0.30    | 0.31       | 2.54    | ppb   |
| Silver     | 107-1 | 0.31    | 0.29    | 0.31    | 0.30       | 3.60    | ppb   |
| Sodium     | 23-2  | 43.06   | 41.59   | 54.21   | 46.29      | 14.91   | ppb   |
| Strontium  | 86-1  | 0.28    | 0.35    | 0.30    | 0.31       | 11.26   | ppb   |
| Strontium  | 88-1  | 0.28    | 0.28    | 0.29    | 0.28       | 2.87    | ppb   |
| Sulfur     | 34-1  | 476.61  | 48.45   | 205.24  | 243.43     | 88.99   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.27    | 0.25    | 0.26    | 0.26       | 5.20    | ppb   |
| Thallium   | 205-1 | 0.28    | 0.26    | 0.28    | 0.27       | 2.80    | ppb   |
| Tin        | 118-1 | 0.26    | 0.29    | 0.27    | 0.27       | 5.81    | ppb   |
| Titanium   | 47-1  | 0.20    | 0.20    | 0.36    | 0.25       | 38.64   | ppb   |
| Uranium    | 238-1 | 0.24    | 0.27    | 0.24    | 0.25       | 5.81    | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.29    | 0.30    | 0.27       | 13.73   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.59    | 0.72    | 0.81    | 0.71       | 15.41   | ppb   |
| Zirconium  | 90-1  | 0.27    | 0.25    | 0.24    | 0.25       | 6.03    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#5        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#5        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:17:45 | DataFile Name :   | 023SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.29    | 0.21    | 0.35    | 0.28       | 25.31   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.08    | 8.45    | 8.45    | 7.66       | 17.87   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.32    | 0.29    | 0.29       | 11.33   | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.26    | 0.30    | 0.30       | 11.38   | ppb   |
| Barium     | 135-1 | 1.44    | 1.35    | 1.48    | 1.42       | 4.84    | ppb   |
| Barium     | 137-1 | 1.52    | 1.45    | 1.43    | 1.47       | 3.19    | ppb   |
| Beryllium  | 9-1   | 0.34    | 0.23    | 0.25    | 0.27       | 22.72   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.32    | 0.94    | 1.04    | 1.10       | 18.11   | ppb   |
| Boron      | 11-1  | 1.17    | 0.98    | 1.40    | 1.18       | 17.79   | ppb   |
| Cadmium    | 111-1 | 0.31    | 0.28    | 0.35    | 0.31       | 10.78   | ppb   |
| Cadmium    | 106-1 | 0.36    | -0.38   | 0.68    | 0.22       | 249.06  | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.33    | 0.22    | 0.25       | 26.60   | ppb   |
| Calcium    | 43-1  | 27.00   | 29.81   | 21.00   | 25.94      | 17.34   | ppb   |
| Calcium    | 44-1  | 25.30   | 29.51   | 32.93   | 29.25      | 13.08   | ppb   |
| Chromium   | 52-2  | 0.23    | 0.36    | 0.33    | 0.31       | 22.72   | ppb   |
| Cobalt     | 59-2  | 0.30    | 0.30    | 0.31    | 0.30       | 3.19    | ppb   |
| Copper     | 63-2  | 0.61    | 0.59    | 0.64    | 0.61       | 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 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 14.05   | 15.31   | 15.65   | 15.00      | 5.61    | ppb   |
| Iron       | 57-2  | 12.15   | 16.72   | 15.90   | 14.92      | 16.33   | ppb   |
| Lead       | 206-1 | 0.25    | 0.28    | 0.30    | 0.27       | 9.41    | ppb   |
| Lead       | 207-1 | 0.30    | 0.32    | 0.29    | 0.30       | 4.70    | ppb   |
| Lead       | 208-1 | 0.27    | 0.31    | 0.29    | 0.29       | 6.87    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 28.71   | 30.73   | 30.14   | 29.86      | 3.47    | ppb   |
| Manganese  | 55-2  | 0.71    | 0.76    | 0.54    | 0.67       | 16.75   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.28    | 0.28    | 0.28    | 0.28       | 0.84    | ppb   |
| Molybdenum | 95-1  | 0.23    | 0.22    | 0.29    | 0.24       | 14.99   | ppb   |
| Molybdenum | 96-1  | 0.26    | 0.29    | 0.27    | 0.27       | 5.37    | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.18    | 0.21    | 0.23       | 23.98   | ppb   |
| Molybdenum | 98-1  | 0.27    | 0.22    | 0.25    | 0.24       | 9.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.28    | 0.23    | 0.28       | 17.76   | ppb   |
| Phosphorus | 31-2  | -12.27  | -12.27  | 24.34   | -0.07      |         | ppb   |
| Potassium  | 39-2  | 19.86   | 36.27   | 36.40   | 30.84      | 30.84   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.01    | 0.00    | 3.01    | 2.01       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.12    | 1.61    | 1.08    | 0.93       | 80.99   | ppb   |
| Selenium   | 82-1  | 1.53    | 2.46    | 1.77    | 1.92       | 24.96   | ppb   |
| Silicon    | 28-1  | -11.38  | -12.42  | -11.38  | -11.73     |         | ppb   |
| Silver     | 109-1 | 0.27    | 0.31    | 0.29    | 0.29       | 7.53    | ppb   |
| Silver     | 107-1 | 0.29    | 0.34    | 0.30    | 0.31       | 9.09    | ppb   |
| Sodium     | 23-2  | 48.42   | 48.68   | 44.92   | 47.34      | 4.44    | ppb   |
| Strontium  | 86-1  | 0.49    | 0.38    | 0.27    | 0.38       | 29.17   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.27    | 0.29    | 0.27       | 5.71    | ppb   |
| Sulfur     | 34-1  | 155.60  | 196.44  | 340.94  | 230.99     | 42.16   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.29    | 0.29    | 0.32    | 0.30       | 5.27    | ppb   |
| Thallium   | 205-1 | 0.30    | 0.30    | 0.27    | 0.29       | 5.76    | ppb   |
| Tin        | 118-1 | 0.31    | 0.25    | 0.33    | 0.30       | 13.56   | ppb   |
| Titanium   | 47-1  | 0.31    | 0.20    | 0.24    | 0.25       | 21.56   | ppb   |
| Uranium    | 238-1 | 0.25    | 0.25    | 0.28    | 0.26       | 7.21    | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.31    | 0.22    | 0.26       | 18.66   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.61    | 1.54    | 1.70    | 1.61       | 5.06    | ppb   |
| Zirconium  | 90-1  | 0.28    | 0.25    | 0.27    | 0.27       | 5.13    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.24    | 0.27    | 0.24       | 16.17   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.50    | 7.54    | 3.40    | 5.15       | 41.67   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.26    | 0.31    | 0.28       | 9.66    | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.16    | 0.23    | 0.20       | 17.47   | ppb   |
| Barium     | 135-1 | 1.21    | 1.35    | 1.29    | 1.29       | 5.27    | ppb   |
| Barium     | 137-1 | 1.29    | 1.12    | 1.21    | 1.21       | 6.83    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.16    | 0.22    | 0.22       | 23.07   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.84    | 0.00    | -0.19   | 0.22       | 252.71  | ppb   |
| Boron      | 11-1  | 1.17    | 0.65    | 0.79    | 0.87       | 31.05   | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.21    | 0.30    | 0.24       | 22.64   | ppb   |
| Cadmium    | 106-1 | -0.56   | -0.53   | 0.12    | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.18    | 0.26    | 0.18       | 43.84   | ppb   |
| Calcium    | 43-1  | 9.62    | 8.91    | 17.09   | 11.87      | 38.17   | ppb   |
| Calcium    | 44-1  | 19.88   | 22.15   | 18.44   | 20.16      | 9.28    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.31    | 0.29    | 0.29       | 5.66    | ppb   |
| Cobalt     | 59-2  | 0.25    | 0.25    | 0.26    | 0.25       | 3.48    | ppb   |
| Copper     | 63-2  | 0.46    | 0.51    | 0.55    | 0.51       | 8.90    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.87   | 12.89   | 12.69   | 12.82      | 0.88    | ppb   |
| Iron       | 57-2  | 8.37    | 13.60   | 9.30    | 10.42      | 26.77   | ppb   |
| Lead       | 206-1 | 0.27    | 0.25    | 0.24    | 0.25       | 6.90    | ppb   |
| Lead       | 207-1 | 0.29    | 0.23    | 0.26    | 0.26       | 12.51   | ppb   |
| Lead       | 208-1 | 0.26    | 0.23    | 0.24    | 0.25       | 5.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 28.18   | 29.24   | 23.12   | 26.85      | 12.18   | ppb   |
| Manganese  | 55-2  | 0.72    | 0.44    | 0.60    | 0.59       | 23.85   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.23    | 0.21    | 0.25    | 0.23       | 8.15     | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.18    | 0.21    | 0.21       | 15.67    | ppb   |
| Molybdenum | 96-1  | 0.23    | 0.24    | 0.24    | 0.24       | 2.72     | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.21    | 0.23    | 0.21       | 9.59     | ppb   |
| Molybdenum | 98-1  | 0.22    | 0.23    | 0.23    | 0.23       | 1.55     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.36    | 0.29    | 0.23    | 0.29       | 22.93    | ppb   |
| Phosphorus | 31-2  | 24.91   | -12.27  | -12.27  | 0.12       | 17277.73 | ppb   |
| Potassium  | 39-2  | 19.43   | 26.30   | 19.25   | 21.66      | 18.57    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 12.26   | 0.00    | 3.01    | 5.09       | 125.53   | ppb   |
| Selenium   | 78-2  | 1.61    | -1.32   | 1.55    | 0.62       | 271.50   | ppb   |
| Selenium   | 82-1  | 2.54    | 1.93    | 1.48    | 1.98       | 26.87    | ppb   |
| Silicon    | 28-1  | -11.41  | -11.33  | -11.10  | -11.28     |          | ppb   |
| Silver     | 109-1 | 0.24    | 0.26    | 0.25    | 0.25       | 3.34     | ppb   |
| Silver     | 107-1 | 0.25    | 0.25    | 0.24    | 0.25       | 2.62     | ppb   |
| Sodium     | 23-2  | 41.82   | 39.77   | 42.86   | 41.48      | 3.80     | ppb   |
| Strontium  | 86-1  | 0.29    | 0.33    | 0.32    | 0.31       | 7.37     | ppb   |
| Strontium  | 88-1  | 0.24    | 0.22    | 0.26    | 0.24       | 7.22     | ppb   |
| Sulfur     | 34-1  | 78.12   | 189.21  | 302.20  | 189.84     | 59.02    | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.19    | 0.24    | 0.22    | 0.22       | 12.38    | ppb   |
| Thallium   | 205-1 | 0.24    | 0.26    | 0.27    | 0.26       | 5.80     | ppb   |
| Tin        | 118-1 | 0.25    | 0.22    | 0.28    | 0.25       | 11.06    | ppb   |
| Titanium   | 47-1  | 0.20    | 0.26    | 0.18    | 0.21       | 18.16    | ppb   |
| Uranium    | 238-1 | 0.21    | 0.23    | 0.22    | 0.22       | 6.39     | ppb   |
| Vanadium   | 51-2  | 0.23    | 0.26    | 0.21    | 0.23       | 11.15    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.45    | 0.33    | 0.49    | 0.42       | 19.44    | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.25    | 0.19    | 0.22       | 14.18    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.19    | 0.26    | 0.24    | 0.23       | 17.35   | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51906.03  | 50154.13  | 49857.71  | 50639.29   | 2.19    | ppb   |
| Antimony   | 121-1 | 491.91    | 492.15    | 496.42    | 493.49     | 0.52    | ppb   |
| Arsenic    | 75-2  | 515.85    | 497.04    | 491.31    | 501.40     | 2.56    | ppb   |
| Barium     | 135-1 | 2503.42   | 2541.79   | 2508.61   | 2517.94    | 0.83    | ppb   |
| Barium     | 137-1 | 2488.65   | 2509.73   | 2541.31   | 2513.23    | 1.05    | ppb   |
| Beryllium  | 9-1   | 509.82    | 505.07    | 498.03    | 504.31     | 1.18    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 498.00    | 515.25    | 500.98    | 504.74     | 1.83    | ppb   |
| Boron      | 11-1  | 501.72    | 508.91    | 493.27    | 501.30     | 1.56    | ppb   |
| Cadmium    | 111-1 | 474.70    | 483.93    | 485.48    | 481.37     | 1.21    | ppb   |
| Cadmium    | 106-1 | 484.04    | 484.54    | 493.20    | 487.26     | 1.06    | ppb   |
| Cadmium    | 108-1 | 485.62    | 482.75    | 491.75    | 486.71     | 0.94    | ppb   |
| Calcium    | 43-1  | 236542.51 | 237380.33 | 234247.70 | 236056.85  | 0.69    | ppb   |
| Calcium    | 44-1  | 236543.83 | 236727.46 | 233187.57 | 235486.29  | 0.85    | ppb   |
| Chromium   | 52-2  | 533.77    | 516.13    | 506.66    | 518.86     | 2.65    | ppb   |
| Cobalt     | 59-2  | 504.92    | 490.78    | 482.32    | 492.68     | 2.32    | ppb   |
| Copper     | 63-2  | 1018.10   | 989.12    | 970.65    | 992.62     | 2.41    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 125056.35 | 120711.68 | 118852.99 | 121540.34  | 2.62    | ppb   |
| Iron       | 57-2  | 127809.48 | 122587.44 | 121797.45 | 124064.79  | 2.63    | ppb   |
| Lead       | 206-1 | 489.56    | 496.18    | 494.48    | 493.41     | 0.70    | ppb   |
| Lead       | 207-1 | 485.64    | 484.71    | 483.63    | 484.66     | 0.21    | ppb   |
| Lead       | 208-1 | 497.99    | 497.33    | 499.51    | 498.28     | 0.22    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 253928.06 | 244132.27 | 245346.42 | 247802.25  | 2.15    | ppb   |
| Manganese  | 55-2  | 1044.27   | 1013.15   | 999.30    | 1018.91    | 2.26    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 505.03    | 504.94    | 495.95    | 501.97     | 1.04    | ppb   |
| Molybdenum | 95-1  | 504.50    | 507.96    | 503.60    | 505.35     | 0.46    | ppb   |
| Molybdenum | 96-1  | 502.69    | 505.98    | 508.52    | 505.73     | 0.58    | ppb   |
| Molybdenum | 97-1  | 491.27    | 491.14    | 486.93    | 489.78     | 0.50    | ppb   |
| Molybdenum | 98-1  | 507.48    | 510.60    | 500.67    | 506.25     | 1.00    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 512.19    | 498.82    | 487.67    | 499.56     | 2.46    | ppb   |
| Phosphorus | 31-2  | 9740.56   | 9251.93   | 9619.26   | 9537.25    | 2.67    | ppb   |
| Potassium  | 39-2  | 129091.49 | 125367.16 | 122010.30 | 125489.65  | 2.82    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 565.71    | 475.28    | 434.54    | 491.84     | 13.65   | ppb   |
| Selenium   | 78-2  | 514.15    | 494.57    | 482.90    | 497.21     | 3.18    | ppb   |
| Selenium   | 82-1  | 495.61    | 491.45    | 483.52    | 490.19     | 1.25    | ppb   |
| Silicon    | 28-1  | 495.98    | 503.21    | 504.66    | 501.28     | 0.93    | ppb   |
| Silver     | 109-1 | 487.00    | 499.10    | 494.87    | 493.66     | 1.24    | ppb   |
| Silver     | 107-1 | 490.64    | 490.44    | 496.73    | 492.60     | 0.73    | ppb   |
| Sodium     | 23-2  | 255614.88 | 247255.75 | 243769.65 | 248880.09  | 2.45    | ppb   |
| Strontium  | 86-1  | 501.92    | 503.74    | 503.76    | 503.14     | 0.21    | ppb   |
| Strontium  | 88-1  | 506.97    | 512.57    | 506.47    | 508.67     | 0.67    | ppb   |
| Sulfur     | 34-1  | 10136.11  | 10015.59  | 9785.98   | 9979.23    | 1.78    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 499.20    | 493.21    | 501.23    | 497.88     | 0.84    | ppb   |
| Thallium   | 205-1 | 503.46    | 496.58    | 498.55    | 499.53     | 0.71    | ppb   |
| Tin        | 118-1 | 494.77    | 490.65    | 502.12    | 495.85     | 1.17    | ppb   |
| Titanium   | 47-1  | 491.04    | 492.67    | 491.06    | 491.59     | 0.19    | ppb   |
| Uranium    | 238-1 | 508.97    | 508.51    | 511.24    | 509.57     | 0.29    | ppb   |
| Vanadium   | 51-2  | 528.85    | 508.44    | 503.73    | 513.67     | 2.60    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 1005.72   | 977.36    | 956.46    | 979.85     | 2.52    | ppb   |
| Zirconium  | 90-1  | 497.75    | 499.21    | 494.77    | 497.25     | 0.46    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 489.13  | 492.10  | 485.58  | 488.94     | 0.67    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB07 Instrumnet Name : P8  
 Client Sample ID : CCB07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:42:00 DataFile Name : 029CCBE\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.67   | 1.37    | -0.67   | 0.01       | 17637.72 | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.05    | 0.03       | 34.19    | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.05   | -0.03   | -0.04      |          | ppb   |
| Barium     | 135-1 | -0.04   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Barium     | 137-1 | 0.00    | -0.02   | -0.02   | -0.01      |          | ppb   |
| Beryllium  | 9-1   | -0.04   | -0.01   | -0.04   | -0.03      |          | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 2.89    | 3.42    | 2.40    | 2.91       | 17.63    | ppb   |
| Boron      | 11-1  | 3.11    | 2.70    | 2.56    | 2.79       | 10.19    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.04   | -0.07   | -0.07      |          | ppb   |
| Cadmium    | 106-1 | -1.24   | -0.49   | -1.02   | -0.92      |          | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.01   | -0.01   | 0.01       | 416.16   | ppb   |
| Calcium    | 43-1  | 14.24   | -6.72   | -16.52  | -3.00      |          | ppb   |
| Calcium    | 44-1  | 4.05    | 1.68    | -0.19   | 1.85       | 115.00   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.10   | -0.06   | -0.07      |          | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |          | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | -0.03   | -0.02      |          | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.90    | 0.61    | 0.52    | 0.68       | 29.09    | ppb   |
| Iron       | 57-2  | -0.97   | 0.14    | -1.52   | -0.78      |          | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.05    | 0.04       | 30.95    | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.18    | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.08     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 1.11    | 1.32    | 1.53    | 1.32       | 15.71    | ppb   |
| Manganese  | 55-2  | -0.02   | 0.04    | 0.09    | 0.04       | 145.41   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB07               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB07               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:42:00 | DataFile Name :   | 029CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.02    | 0.01       | 218.21  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | 36.79   | -12.27  | 12.30   | 12.27      | 199.88  | ppb   |
| Potassium  | 39-2  | 13.57   | 42.40   | 22.90   | 26.29      | 55.96   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 6.14    | 3.08    | 3.09    | 4.10       | 43.11   | ppb   |
| Selenium   | 78-2  | -0.83   | -0.82   | -0.32   | -0.66      |         | ppb   |
| Selenium   | 82-1  | -0.26   | 0.28    | 0.64    | 0.22       | 205.75  | ppb   |
| Silicon    | 28-1  | -2.74   | -13.94  | -11.31  | -9.33      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 41.03   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 43.54   | ppb   |
| Sodium     | 23-2  | 33.30   | 28.97   | 28.57   | 30.28      | 8.65    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.03    | 0.12    | 0.05       | 116.20  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 423.11  | 48.33   | 14.21   | 161.88     | 140.15  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.02    | 0.02       | 20.07   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 22.79   | ppb   |
| Tin        | 118-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.36    | ppb   |
| Titanium   | 47-1  | 0.07    | -0.02   | -0.02   | 0.01       | 592.87  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.02    | 0.17    | 0.21    | 0.13       | 76.46   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.02    | 0.03       | 42.95   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB07               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB07               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:42:00 | DataFile Name :   | 029CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.06    | 0.03       | 90.13   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#1         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#1         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:45:09 | DataFile Name :   | 030SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.42    | 2.37    | 8.53    | 5.44       | 56.66   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.28    | 0.24    | 0.26       | 7.29    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.19    | 0.22    | 0.20       | 10.71   | ppb   |
| Barium     | 135-1 | 1.23    | 1.15    | 1.18    | 1.19       | 3.75    | ppb   |
| Barium     | 137-1 | 1.25    | 1.14    | 1.18    | 1.19       | 4.65    | ppb   |
| Beryllium  | 9-1   | 0.27    | 0.23    | 0.17    | 0.22       | 22.47   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.41    | 1.57    | 2.20    | 1.39       | 65.24   | ppb   |
| Boron      | 11-1  | 2.10    | 2.04    | 1.98    | 2.04       | 2.74    | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.13    | 0.10    | 0.14       | 34.75   | ppb   |
| Cadmium    | 106-1 | -0.29   | -1.92   | -1.96   | -1.39      |         | ppb   |
| Cadmium    | 108-1 | 0.33    | 0.24    | 0.62    | 0.40       | 49.18   | ppb   |
| Calcium    | 43-1  | 24.32   | 26.54   | 17.50   | 22.79      | 20.69   | ppb   |
| Calcium    | 44-1  | 22.56   | 17.52   | 19.56   | 19.88      | 12.76   | ppb   |
| Chromium   | 52-2  | 0.23    | 0.15    | 0.08    | 0.15       | 50.76   | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.26    | 0.25    | 0.25       | 4.73    | ppb   |
| Copper     | 63-2  | 0.44    | 0.41    | 0.41    | 0.42       | 4.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.11   | 12.37   | 12.88   | 12.79      | 2.96    | ppb   |
| Iron       | 57-2  | 12.60   | 12.59   | 12.70   | 12.63      | 0.46    | ppb   |
| Lead       | 206-1 | 0.31    | 0.26    | 0.25    | 0.28       | 10.77   | ppb   |
| Lead       | 207-1 | 0.26    | 0.29    | 0.27    | 0.28       | 6.15    | ppb   |
| Lead       | 208-1 | 0.27    | 0.27    | 0.27    | 0.27       | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 21.03   | 22.65   | 24.02   | 22.57      | 6.62    | ppb   |
| Manganese  | 55-2  | 0.66    | 0.53    | 0.43    | 0.54       | 21.47   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#1         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#1         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:45:09 | DataFile Name :   | 030SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.25    | 0.23    | 0.26    | 0.25       | 6.81    | ppb   |
| Molybdenum | 95-1  | 0.22    | 0.19    | 0.16    | 0.19       | 16.76   | ppb   |
| Molybdenum | 96-1  | 0.21    | 0.28    | 0.16    | 0.22       | 27.26   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.16    | 0.26    | 0.19       | 28.35   | ppb   |
| Molybdenum | 98-1  | 0.22    | 0.19    | 0.23    | 0.21       | 7.92    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.22    | 0.22    | 0.23       | 7.04    | ppb   |
| Phosphorus | 31-2  | -0.06   | -12.27  | -12.27  | -8.20      |         | ppb   |
| Potassium  | 39-2  | 32.00   | 26.91   | 29.47   | 29.46      | 8.64    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 3.06    | 0.00    | 1.02       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.84   | 0.64    | 1.59    | 0.46       | 266.08  | ppb   |
| Selenium   | 82-1  | 1.91    | 3.03    | 2.02    | 2.32       | 26.51   | ppb   |
| Silicon    | 28-1  | -10.73  | -13.37  | -11.48  | -11.86     |         | ppb   |
| Silver     | 109-1 | 0.23    | 0.24    | 0.25    | 0.24       | 2.77    | ppb   |
| Silver     | 107-1 | 0.26    | 0.24    | 0.24    | 0.25       | 3.69    | ppb   |
| Sodium     | 23-2  | 49.09   | 56.55   | 50.68   | 52.11      | 7.54    | ppb   |
| Strontium  | 86-1  | 0.39    | 0.29    | 0.37    | 0.35       | 15.55   | ppb   |
| Strontium  | 88-1  | 0.27    | 0.26    | 0.25    | 0.26       | 3.80    | ppb   |
| Sulfur     | 34-1  | 44.20   | -94.16  | -7.69   | -19.22     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.25    | 0.24    | 0.23    | 0.24       | 5.07    | ppb   |
| Thallium   | 205-1 | 0.24    | 0.27    | 0.27    | 0.26       | 7.29    | ppb   |
| Tin        | 118-1 | 0.27    | 0.21    | 0.21    | 0.23       | 13.43   | ppb   |
| Titanium   | 47-1  | 0.15    | 0.28    | 0.21    | 0.21       | 29.52   | ppb   |
| Uranium    | 238-1 | 0.20    | 0.21    | 0.22    | 0.21       | 5.00    | ppb   |
| Vanadium   | 51-2  | 0.22    | 0.21    | 0.21    | 0.21       | 2.76    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.54    | 0.28    | 0.44    | 0.42       | 31.40   | ppb   |
| Zirconium  | 90-1  | 0.26    | 0.23    | 0.23    | 0.24       | 6.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#1         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#1         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:45:09 | DataFile Name :   | 030SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.24    | 0.24    | 0.24       | 1.96    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#2 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:48:20 DataFile Name : 031SMPL\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.37    | 5.45    | 8.44    | 5.42       | 56.00   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.26    | 0.25    | 0.25       | 3.77    | ppb   |
| Arsenic    | 75-2  | 0.17    | 0.35    | 0.19    | 0.24       | 40.77   | ppb   |
| Barium     | 135-1 | 1.21    | 1.36    | 1.20    | 1.26       | 7.31    | ppb   |
| Barium     | 137-1 | 1.22    | 1.21    | 1.18    | 1.20       | 2.08    | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.21    | 0.27    | 0.23       | 15.48   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.64    | 1.68    | 1.10    | 1.47       | 22.11   | ppb   |
| Boron      | 11-1  | 1.74    | 1.72    | 1.60    | 1.68       | 4.48    | ppb   |
| Cadmium    | 111-1 | 0.18    | 0.29    | 0.20    | 0.22       | 26.07   | ppb   |
| Cadmium    | 106-1 | -0.62   | 0.66    | -0.76   | -0.24      |         | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.25    | 0.17    | 0.21       | 18.91   | ppb   |
| Calcium    | 43-1  | 15.86   | 40.71   | 25.54   | 27.37      | 45.77   | ppb   |
| Calcium    | 44-1  | 17.86   | 18.55   | 18.30   | 18.24      | 1.92    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.15    | 0.23    | 0.20       | 21.68   | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.25    | 0.23    | 0.24       | 3.29    | ppb   |
| Copper     | 63-2  | 0.48    | 0.46    | 0.49    | 0.48       | 2.91    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 11.77   | 12.73   | 12.82   | 12.44      | 4.69    | ppb   |
| Iron       | 57-2  | 14.27   | 12.95   | 15.04   | 14.09      | 7.51    | ppb   |
| Lead       | 206-1 | 0.25    | 0.28    | 0.26    | 0.26       | 6.27    | ppb   |
| Lead       | 207-1 | 0.27    | 0.29    | 0.29    | 0.28       | 3.34    | ppb   |
| Lead       | 208-1 | 0.26    | 0.27    | 0.25    | 0.26       | 2.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 25.52   | 25.41   | 30.30   | 27.08      | 10.32   | ppb   |
| Manganese  | 55-2  | 0.72    | 0.70    | 0.50    | 0.64       | 18.71   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#2         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#2         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:48:20 | DataFile Name :   | 031SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.24    | 0.24    | 0.26    | 0.25       | 4.38    | ppb   |
| Molybdenum | 95-1  | 0.22    | 0.21    | 0.20    | 0.21       | 6.37    | ppb   |
| Molybdenum | 96-1  | 0.20    | 0.23    | 0.23    | 0.22       | 8.13    | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.22    | 0.18    | 0.20       | 8.90    | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.25    | 0.21    | 0.23       | 8.37    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.22    | 0.19    | 0.24    | 0.22       | 11.61   | ppb   |
| Phosphorus | 31-2  | -12.27  | -0.01   | 24.29   | 4.00       | 464.75  | ppb   |
| Potassium  | 39-2  | 20.52   | 18.93   | 21.58   | 20.34      | 6.55    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.05    | 6.06    | 0.00    | 3.04       | 99.74   | ppb   |
| Selenium   | 78-2  | -0.83   | 2.53    | 1.07    | 0.92       | 182.45  | ppb   |
| Selenium   | 82-1  | 2.46    | 1.58    | 2.22    | 2.09       | 21.75   | ppb   |
| Silicon    | 28-1  | -12.61  | -12.21  | -12.33  | -12.38     |         | ppb   |
| Silver     | 109-1 | 0.26    | 0.24    | 0.25    | 0.25       | 5.66    | ppb   |
| Silver     | 107-1 | 0.23    | 0.26    | 0.24    | 0.25       | 6.57    | ppb   |
| Sodium     | 23-2  | 46.53   | 44.74   | 44.70   | 45.32      | 2.31    | ppb   |
| Strontium  | 86-1  | 0.34    | 0.34    | 0.42    | 0.37       | 13.05   | ppb   |
| Strontium  | 88-1  | 0.25    | 0.25    | 0.26    | 0.26       | 2.92    | ppb   |
| Sulfur     | 34-1  | -54.12  | 68.33   | -87.23  | -24.34     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.28    | 0.24    | 0.26    | 0.26       | 7.42    | ppb   |
| Thallium   | 205-1 | 0.28    | 0.25    | 0.21    | 0.25       | 12.93   | ppb   |
| Tin        | 118-1 | 0.22    | 0.26    | 0.26    | 0.25       | 8.64    | ppb   |
| Titanium   | 47-1  | 0.33    | 0.18    | 0.30    | 0.27       | 28.83   | ppb   |
| Uranium    | 238-1 | 0.21    | 0.23    | 0.21    | 0.22       | 6.25    | ppb   |
| Vanadium   | 51-2  | 0.24    | 0.20    | 0.26    | 0.23       | 14.02   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.24    | 0.30    | 0.61    | 0.39       | 52.08   | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.25    | 0.25    | 0.25       | 3.80    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#2         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#2         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:48:20 | DataFile Name :   | 031SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.26    | 0.26    | 0.27    | 0.27       | 1.21    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.52    | 2.33    | 4.39    | 4.41       | 47.54   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.26    | 0.26    | 0.26       | 1.21    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.23    | 0.32    | 0.26       | 19.66   | ppb   |
| Barium     | 135-1 | 1.03    | 1.10    | 1.15    | 1.09       | 5.74    | ppb   |
| Barium     | 137-1 | 1.07    | 1.18    | 1.17    | 1.14       | 5.18    | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.20    | 0.20    | 0.21       | 9.74    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.23    | 1.10    | 1.12    | 0.81       | 62.44   | ppb   |
| Boron      | 11-1  | 1.10    | 1.64    | 1.50    | 1.41       | 19.62   | ppb   |
| Cadmium    | 111-1 | 0.18    | 0.26    | 0.16    | 0.20       | 27.03   | ppb   |
| Cadmium    | 106-1 | -0.66   | 0.07    | -1.17   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | 0.21    | 0.21    | 0.23       | 18.64   | ppb   |
| Calcium    | 43-1  | 29.68   | 19.10   | 10.54   | 19.77      | 48.50   | ppb   |
| Calcium    | 44-1  | 20.45   | 14.62   | 16.50   | 17.19      | 17.31   | ppb   |
| Chromium   | 52-2  | 0.23    | 0.24    | 0.26    | 0.24       | 6.60    | ppb   |
| Cobalt     | 59-2  | 0.21    | 0.20    | 0.27    | 0.23       | 15.73   | ppb   |
| Copper     | 63-2  | 0.50    | 0.44    | 0.46    | 0.47       | 6.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.86   | 11.53   | 12.35   | 12.25      | 5.44    | ppb   |
| Iron       | 57-2  | 13.62   | 9.70    | 13.13   | 12.15      | 17.59   | ppb   |
| Lead       | 206-1 | 0.28    | 0.26    | 0.24    | 0.26       | 8.86    | ppb   |
| Lead       | 207-1 | 0.27    | 0.22    | 0.28    | 0.26       | 13.07   | ppb   |
| Lead       | 208-1 | 0.26    | 0.24    | 0.25    | 0.25       | 2.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 21.27   | 23.06   | 24.66   | 23.00      | 7.38    | ppb   |
| Manganese  | 55-2  | 0.72    | 0.59    | 0.55    | 0.62       | 14.09   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.27    | 0.23    | 0.24       | 9.08    | ppb   |
| Molybdenum | 95-1  | 0.18    | 0.16    | 0.21    | 0.19       | 13.18   | ppb   |
| Molybdenum | 96-1  | 0.21    | 0.22    | 0.19    | 0.20       | 8.28    | ppb   |
| Molybdenum | 97-1  | 0.14    | 0.23    | 0.17    | 0.18       | 25.77   | ppb   |
| Molybdenum | 98-1  | 0.21    | 0.22    | 0.20    | 0.21       | 5.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.18    | 0.32    | 0.20    | 0.23       | 33.69   | ppb   |
| Phosphorus | 31-2  | 12.41   | 48.34   | -0.07   | 20.23      | 124.26  | ppb   |
| Potassium  | 39-2  | 19.30   | 26.21   | 15.58   | 20.36      | 26.50   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 5.97    | 0.00    | 1.99       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.04    | 0.57    | 0.61    | 1.07       | 77.66   | ppb   |
| Selenium   | 82-1  | 1.76    | 2.07    | 1.21    | 1.68       | 26.00   | ppb   |
| Silicon    | 28-1  | -9.51   | -14.20  | -13.72  | -12.48     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.22    | 0.24    | 0.24       | 3.91    | ppb   |
| Silver     | 107-1 | 0.25    | 0.27    | 0.25    | 0.26       | 3.95    | ppb   |
| Sodium     | 23-2  | 44.55   | 47.34   | 44.01   | 45.30      | 3.95    | ppb   |
| Strontium  | 86-1  | 0.28    | 0.33    | 0.38    | 0.33       | 15.71   | ppb   |
| Strontium  | 88-1  | 0.25    | 0.24    | 0.22    | 0.23       | 5.68    | ppb   |
| Sulfur     | 34-1  | 358.07  | 102.78  | 150.67  | 203.84     | 66.57   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.20    | 0.22    | 0.28    | 0.23       | 16.68   | ppb   |
| Thallium   | 205-1 | 0.22    | 0.24    | 0.22    | 0.22       | 4.56    | ppb   |
| Tin        | 118-1 | 0.25    | 0.24    | 0.20    | 0.23       | 10.86   | ppb   |
| Titanium   | 47-1  | 0.28    | 0.19    | 0.24    | 0.24       | 20.32   | ppb   |
| Uranium    | 238-1 | 0.18    | 0.22    | 0.19    | 0.20       | 12.26   | ppb   |
| Vanadium   | 51-2  | 0.19    | 0.27    | 0.20    | 0.22       | 19.40   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.59    | 0.72    | 0.60    | 0.64       | 11.35   | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.25    | 0.21    | 0.23       | 8.91    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.23    | 0.19    | 0.22       | 11.61   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#4         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#4         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:54:41 | DataFile Name :   | 033SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.34    | 10.52   | 7.32    | 7.40       | 41.82   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.27    | 0.26    | 0.26       | 4.14    | ppb   |
| Arsenic    | 75-2  | 0.19    | 0.11    | 0.22    | 0.17       | 31.14   | ppb   |
| Barium     | 135-1 | 1.28    | 1.12    | 1.27    | 1.22       | 7.10    | ppb   |
| Barium     | 137-1 | 1.32    | 1.34    | 1.16    | 1.27       | 7.74    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.30    | 0.17    | 0.24       | 27.52   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.90    | 0.84    | 1.42    | 1.06       | 30.20   | ppb   |
| Boron      | 11-1  | 1.79    | 1.81    | 1.50    | 1.70       | 10.26   | ppb   |
| Cadmium    | 111-1 | 0.26    | 0.29    | 0.18    | 0.24       | 23.59   | ppb   |
| Cadmium    | 106-1 | -0.36   | 1.11    | -0.41   | 0.11       | 751.71  | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.51    | 0.39    | 0.36       | 47.91   | ppb   |
| Calcium    | 43-1  | 21.01   | 4.80    | 11.47   | 12.43      | 65.55   | ppb   |
| Calcium    | 44-1  | 16.78   | 21.07   | 20.58   | 19.47      | 12.07   | ppb   |
| Chromium   | 52-2  | 0.29    | 0.23    | 0.11    | 0.21       | 43.03   | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.26    | 0.25    | 0.25       | 7.27    | ppb   |
| Copper     | 63-2  | 0.50    | 0.50    | 0.40    | 0.47       | 12.92   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.71   | 12.64   | 11.98   | 12.44      | 3.23    | ppb   |
| Iron       | 57-2  | 11.89   | 13.19   | 10.17   | 11.75      | 12.88   | ppb   |
| Lead       | 206-1 | 0.28    | 0.20    | 0.23    | 0.24       | 17.23   | ppb   |
| Lead       | 207-1 | 0.29    | 0.24    | 0.29    | 0.27       | 11.15   | ppb   |
| Lead       | 208-1 | 0.26    | 0.24    | 0.26    | 0.25       | 3.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 25.46   | 28.20   | 27.55   | 27.07      | 5.29    | ppb   |
| Manganese  | 55-2  | 0.56    | 0.40    | 0.50    | 0.49       | 16.41   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#4         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#4         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:54:41 | DataFile Name :   | 033SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.27    | 0.24    | 0.25    | 0.26       | 5.92    | ppb   |
| Molybdenum | 95-1  | 0.25    | 0.25    | 0.24    | 0.25       | 1.82    | ppb   |
| Molybdenum | 96-1  | 0.24    | 0.22    | 0.23    | 0.23       | 4.43    | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.21    | 0.18    | 0.20       | 6.45    | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.22    | 0.21    | 0.23       | 6.44    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.24    | 0.24    | 0.26    | 0.25       | 2.89    | ppb   |
| Phosphorus | 31-2  | -12.27  | 12.21   | 23.92   | 7.95       | 232.19  | ppb   |
| Potassium  | 39-2  | 35.04   | 23.87   | 29.96   | 29.62      | 18.88   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.03    | 3.06    | 9.02    | 5.04       | 68.51   | ppb   |
| Selenium   | 78-2  | 0.13    | 2.58    | 0.11    | 0.94       | 150.55  | ppb   |
| Selenium   | 82-1  | 2.38    | 1.45    | 2.49    | 2.11       | 27.23   | ppb   |
| Silicon    | 28-1  | -8.99   | -9.92   | -10.17  | -9.69      |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.27    | 0.27    | 0.26       | 5.72    | ppb   |
| Silver     | 107-1 | 0.22    | 0.27    | 0.26    | 0.25       | 11.30   | ppb   |
| Sodium     | 23-2  | 47.18   | 43.16   | 40.10   | 43.48      | 8.17    | ppb   |
| Strontium  | 86-1  | 0.20    | 0.36    | 0.28    | 0.28       | 29.76   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.26    | 0.24    | 0.26       | 4.22    | ppb   |
| Sulfur     | 34-1  | 494.32  | 319.17  | 464.22  | 425.90     | 21.99   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.23    | 0.22    | 0.24    | 0.23       | 5.10    | ppb   |
| Thallium   | 205-1 | 0.21    | 0.23    | 0.23    | 0.22       | 4.21    | ppb   |
| Tin        | 118-1 | 0.27    | 0.24    | 0.27    | 0.26       | 6.71    | ppb   |
| Titanium   | 47-1  | 0.24    | 0.21    | 0.28    | 0.24       | 13.86   | ppb   |
| Uranium    | 238-1 | 0.22    | 0.22    | 0.24    | 0.23       | 5.87    | ppb   |
| Vanadium   | 51-2  | 0.25    | 0.27    | 0.25    | 0.26       | 3.64    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.85    | 1.67    | 1.69    | 1.74       | 5.43    | ppb   |
| Zirconium  | 90-1  | 0.24    | 0.23    | 0.22    | 0.23       | 3.15    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#4         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#4         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:54:41 | DataFile Name :   | 033SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.29    | 0.24    | 0.24       | 17.76   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#5         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#5         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:57:52 | DataFile Name :   | 034SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.41    | 6.40    | 6.49    | 5.77       | 20.43   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.26    | 0.23    | 0.24       | 6.25    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.18    | 0.18    | 0.20       | 14.52   | ppb   |
| Barium     | 135-1 | 1.04    | 1.09    | 1.21    | 1.12       | 8.01    | ppb   |
| Barium     | 137-1 | 1.14    | 1.15    | 1.08    | 1.12       | 3.53    | ppb   |
| Beryllium  | 9-1   | 0.30    | 0.24    | 0.14    | 0.22       | 36.15   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.09    | 0.61    | 0.30    | 0.33       | 78.55   | ppb   |
| Boron      | 11-1  | 1.00    | 1.06    | 1.22    | 1.09       | 10.46   | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.15    | 0.22    | 0.16       | 38.20   | ppb   |
| Cadmium    | 106-1 | -1.24   | -1.36   | 0.86    | -0.58      |         | ppb   |
| Cadmium    | 108-1 | 0.28    | 0.17    | 0.24    | 0.23       | 23.03   | ppb   |
| Calcium    | 43-1  | 7.46    | 9.05    | 3.11    | 6.54       | 46.97   | ppb   |
| Calcium    | 44-1  | 18.38   | 18.65   | 17.32   | 18.12      | 3.86    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.25    | 0.22    | 0.19       | 40.94   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.23    | 0.23    | 0.24       | 8.40    | ppb   |
| Copper     | 63-2  | 0.46    | 0.38    | 0.51    | 0.45       | 15.06   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.33   | 13.04   | 12.66   | 12.67      | 2.80    | ppb   |
| Iron       | 57-2  | 12.06   | 11.43   | 11.60   | 11.70      | 2.80    | ppb   |
| Lead       | 206-1 | 0.26    | 0.26    | 0.25    | 0.25       | 1.39    | ppb   |
| Lead       | 207-1 | 0.23    | 0.24    | 0.25    | 0.24       | 4.24    | ppb   |
| Lead       | 208-1 | 0.23    | 0.22    | 0.25    | 0.23       | 5.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 22.48   | 26.82   | 24.26   | 24.52      | 8.91    | ppb   |
| Manganese  | 55-2  | 0.60    | 0.57    | 0.32    | 0.50       | 31.88   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#5         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#5         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:57:52 | DataFile Name :   | 034SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22    | 0.21    | 0.21    | 0.21       | 2.61    | ppb   |
| Molybdenum | 95-1  | 0.29    | 0.26    | 0.27    | 0.27       | 5.51    | ppb   |
| Molybdenum | 96-1  | 0.19    | 0.24    | 0.21    | 0.21       | 10.96   | ppb   |
| Molybdenum | 97-1  | 0.24    | 0.19    | 0.15    | 0.19       | 25.07   | ppb   |
| Molybdenum | 98-1  | 0.20    | 0.22    | 0.20    | 0.21       | 6.26    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.17    | 0.21    | 0.21       | 21.57   | ppb   |
| Phosphorus | 31-2  | 36.64   | 36.42   | 36.92   | 36.66      | 0.68    | ppb   |
| Potassium  | 39-2  | 24.95   | 35.33   | 29.39   | 29.89      | 17.43   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 6.02    | 3.03    | 6.21    | 5.08       | 35.06   | ppb   |
| Selenium   | 78-2  | 3.47    | 0.13    | 1.65    | 1.75       | 95.47   | ppb   |
| Selenium   | 82-1  | 1.78    | 2.34    | 1.97    | 2.03       | 13.92   | ppb   |
| Silicon    | 28-1  | -9.47   | -8.88   | -12.75  | -10.37     |         | ppb   |
| Silver     | 109-1 | 0.25    | 0.23    | 0.23    | 0.24       | 3.55    | ppb   |
| Silver     | 107-1 | 0.24    | 0.22    | 0.24    | 0.23       | 5.22    | ppb   |
| Sodium     | 23-2  | 41.64   | 40.99   | 42.16   | 41.60      | 1.41    | ppb   |
| Strontium  | 86-1  | 0.26    | 0.33    | 0.33    | 0.31       | 11.97   | ppb   |
| Strontium  | 88-1  | 0.23    | 0.23    | 0.22    | 0.23       | 1.62    | ppb   |
| Sulfur     | 34-1  | 346.72  | 460.79  | 297.33  | 368.28     | 22.76   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.24    | 0.25    | 0.25    | 0.25       | 3.79    | ppb   |
| Thallium   | 205-1 | 0.25    | 0.26    | 0.22    | 0.24       | 7.85    | ppb   |
| Tin        | 118-1 | 0.21    | 0.27    | 0.22    | 0.23       | 15.18   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.34    | 0.20    | 0.25       | 33.41   | ppb   |
| Uranium    | 238-1 | 0.20    | 0.20    | 0.22    | 0.21       | 5.29    | ppb   |
| Vanadium   | 51-2  | 0.21    | 0.24    | 0.15    | 0.20       | 22.47   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.55    | 0.57    | 0.85    | 0.66       | 25.72   | ppb   |
| Zirconium  | 90-1  | 0.24    | 0.23    | 0.25    | 0.24       | 4.24    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#5         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#5         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:57:52 | DataFile Name :   | 034SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.17    | 0.20    | 0.20       | 14.27   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.54    | 8.48    | 2.28    | 5.10       | 61.52   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.26    | 0.24    | 0.25       | 3.26    | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.12    | 0.25    | 0.17       | 37.56   | ppb   |
| Barium     | 135-1 | 1.22    | 1.28    | 1.06    | 1.18       | 9.53    | ppb   |
| Barium     | 137-1 | 1.17    | 1.14    | 1.20    | 1.17       | 2.52    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.26    | 0.20    | 0.24       | 12.19   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.16    | 1.27    | -0.73   | 0.23       | 431.29  | ppb   |
| Boron      | 11-1  | 0.97    | 0.96    | 0.71    | 0.88       | 17.00   | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.22    | 0.21    | 0.20       | 18.75   | ppb   |
| Cadmium    | 106-1 | -1.34   | -0.90   | 0.40    | -0.61      |         | ppb   |
| Cadmium    | 108-1 | 0.25    | 0.24    | 0.28    | 0.26       | 8.66    | ppb   |
| Calcium    | 43-1  | 34.23   | 14.96   | 23.35   | 24.18      | 39.97   | ppb   |
| Calcium    | 44-1  | 24.03   | 14.97   | 18.55   | 19.18      | 23.80   | ppb   |
| Chromium   | 52-2  | 0.25    | 0.24    | 0.20    | 0.23       | 11.46   | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.23    | 0.25    | 0.25       | 7.30    | ppb   |
| Copper     | 63-2  | 0.51    | 0.43    | 0.44    | 0.46       | 9.36    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.32   | 12.42   | 11.90   | 12.21      | 2.28    | ppb   |
| Iron       | 57-2  | 15.22   | 14.28   | 14.46   | 14.66      | 3.38    | ppb   |
| Lead       | 206-1 | 0.24    | 0.23    | 0.22    | 0.23       | 4.13    | ppb   |
| Lead       | 207-1 | 0.29    | 0.25    | 0.21    | 0.25       | 14.70   | ppb   |
| Lead       | 208-1 | 0.24    | 0.22    | 0.23    | 0.23       | 3.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 21.90   | 25.33   | 25.62   | 24.29      | 8.52    | ppb   |
| Manganese  | 55-2  | 0.59    | 0.52    | 0.59    | 0.57       | 7.44    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.20    | 0.21    | 0.20    | 0.20       | 4.63    | ppb   |
| Molybdenum | 95-1  | 0.19    | 0.23    | 0.21    | 0.21       | 9.74    | ppb   |
| Molybdenum | 96-1  | 0.27    | 0.27    | 0.19    | 0.24       | 18.55   | ppb   |
| Molybdenum | 97-1  | 0.16    | 0.16    | 0.17    | 0.16       | 4.26    | ppb   |
| Molybdenum | 98-1  | 0.20    | 0.19    | 0.19    | 0.19       | 3.04    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.23    | 0.17    | 0.23       | 27.81   | ppb   |
| Phosphorus | 31-2  | 12.64   | 12.20   | -0.27   | 8.19       | 89.45   | ppb   |
| Potassium  | 39-2  | 31.63   | 17.81   | 31.94   | 27.13      | 29.75   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.05    | 3.00    | 0.00    | 2.02       | 86.61   | ppb   |
| Selenium   | 78-2  | 3.06    | 0.11    | 2.06    | 1.74       | 85.95   | ppb   |
| Selenium   | 82-1  | 1.72    | 1.89    | 1.30    | 1.64       | 18.36   | ppb   |
| Silicon    | 28-1  | -9.54   | -11.96  | -10.26  | -10.59     |         | ppb   |
| Silver     | 109-1 | 0.21    | 0.22    | 0.22    | 0.22       | 1.78    | ppb   |
| Silver     | 107-1 | 0.24    | 0.22    | 0.25    | 0.24       | 6.86    | ppb   |
| Sodium     | 23-2  | 43.17   | 46.26   | 39.65   | 43.03      | 7.69    | ppb   |
| Strontium  | 86-1  | 0.35    | 0.33    | 0.27    | 0.31       | 12.49   | ppb   |
| Strontium  | 88-1  | 0.23    | 0.24    | 0.25    | 0.24       | 4.22    | ppb   |
| Sulfur     | 34-1  | 395.48  | 227.92  | 376.55  | 333.32     | 27.53   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.20    | 0.20    | 0.23    | 0.21       | 6.99    | ppb   |
| Thallium   | 205-1 | 0.25    | 0.23    | 0.22    | 0.24       | 6.39    | ppb   |
| Tin        | 118-1 | 0.25    | 0.17    | 0.20    | 0.21       | 19.31   | ppb   |
| Titanium   | 47-1  | 0.18    | 0.24    | 0.21    | 0.21       | 12.36   | ppb   |
| Uranium    | 238-1 | 0.21    | 0.21    | 0.21    | 0.21       | 0.48    | ppb   |
| Vanadium   | 51-2  | 0.20    | 0.25    | 0.23    | 0.22       | 10.33   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.65    | 0.49    | 0.49    | 0.54       | 17.28   | ppb   |
| Zirconium  | 90-1  | 0.21    | 0.23    | 0.24    | 0.23       | 5.35    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.19    | 0.23    | 0.21       | 11.42   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.40    | 6.28    | 4.29    | 4.66       | 31.68   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.26    | 0.24    | 0.26       | 5.73    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.17    | 0.15    | 0.20       | 37.95   | ppb   |
| Barium     | 135-1 | 1.21    | 1.29    | 1.07    | 1.19       | 9.50    | ppb   |
| Barium     | 137-1 | 1.09    | 1.22    | 1.25    | 1.19       | 7.06    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.20    | 0.27    | 0.24       | 15.71   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.44   | -0.85   | 0.35    | -0.31      |         | ppb   |
| Boron      | 11-1  | 0.35    | 0.57    | 0.70    | 0.54       | 32.74   | ppb   |
| Cadmium    | 111-1 | 0.27    | 0.21    | 0.24    | 0.24       | 12.49   | ppb   |
| Cadmium    | 106-1 | 0.65    | -0.19   | -0.14   | 0.11       | 441.85  | ppb   |
| Cadmium    | 108-1 | 0.32    | 0.39    | 0.36    | 0.36       | 9.87    | ppb   |
| Calcium    | 43-1  | 23.81   | 10.21   | 22.62   | 18.88      | 39.89   | ppb   |
| Calcium    | 44-1  | 15.53   | 15.95   | 21.38   | 17.62      | 18.51   | ppb   |
| Chromium   | 52-2  | 0.19    | 0.18    | 0.18    | 0.18       | 3.81    | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.24    | 0.25    | 0.25       | 2.93    | ppb   |
| Copper     | 63-2  | 0.47    | 0.44    | 0.44    | 0.45       | 2.88    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.37   | 12.59   | 12.50   | 12.49      | 0.89    | ppb   |
| Iron       | 57-2  | 10.43   | 12.02   | 9.02    | 10.49      | 14.29   | ppb   |
| Lead       | 206-1 | 0.25    | 0.27    | 0.23    | 0.25       | 7.44    | ppb   |
| Lead       | 207-1 | 0.28    | 0.26    | 0.24    | 0.26       | 7.58    | ppb   |
| Lead       | 208-1 | 0.25    | 0.24    | 0.23    | 0.24       | 3.30    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 23.96   | 24.04   | 22.24   | 23.41      | 4.32    | ppb   |
| Manganese  | 55-2  | 0.51    | 0.52    | 0.51    | 0.52       | 1.48    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.25    | 0.23    | 0.23       | 4.31    | ppb   |
| Molybdenum | 95-1  | 0.19    | 0.21    | 0.17    | 0.19       | 9.83    | ppb   |
| Molybdenum | 96-1  | 0.24    | 0.23    | 0.19    | 0.22       | 11.31   | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.20    | 0.22    | 0.21       | 5.30    | ppb   |
| Molybdenum | 98-1  | 0.23    | 0.22    | 0.21    | 0.22       | 4.27    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.16    | 0.25    | 0.19    | 0.20       | 24.73   | ppb   |
| Phosphorus | 31-2  | 36.76   | 35.79   | -0.26   | 24.10      | 87.55   | ppb   |
| Potassium  | 39-2  | 23.77   | 22.22   | 17.38   | 21.12      | 15.77   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 12.10   | 0.00    | 4.03       | 173.21  | ppb   |
| Selenium   | 78-2  | 3.00    | 2.53    | 1.08    | 2.21       | 45.35   | ppb   |
| Selenium   | 82-1  | 2.63    | 1.75    | 2.23    | 2.20       | 20.07   | ppb   |
| Silicon    | 28-1  | -15.09  | -11.92  | -12.10  | -13.04     |         | ppb   |
| Silver     | 109-1 | 0.26    | 0.22    | 0.23    | 0.24       | 10.19   | ppb   |
| Silver     | 107-1 | 0.22    | 0.24    | 0.23    | 0.23       | 4.56    | ppb   |
| Sodium     | 23-2  | 39.85   | 36.73   | 36.44   | 37.68      | 5.02    | ppb   |
| Strontium  | 86-1  | 0.41    | 0.29    | 0.34    | 0.35       | 17.15   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.25    | 0.25    | 0.25       | 2.58    | ppb   |
| Sulfur     | 34-1  | 250.20  | 360.38  | 261.72  | 290.77     | 20.83   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.27    | 0.28    | 0.22    | 0.26       | 11.77   | ppb   |
| Thallium   | 205-1 | 0.21    | 0.26    | 0.26    | 0.24       | 12.53   | ppb   |
| Tin        | 118-1 | 0.24    | 0.23    | 0.29    | 0.25       | 12.27   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.24    | 0.12    | 0.18       | 31.47   | ppb   |
| Uranium    | 238-1 | 0.24    | 0.22    | 0.20    | 0.22       | 8.31    | ppb   |
| Vanadium   | 51-2  | 0.17    | 0.24    | 0.29    | 0.24       | 25.76   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.44    | 0.55    | 0.36    | 0.45       | 21.20   | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.22    | 0.23    | 0.23       | 1.78    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.31    | 0.23    | 0.23    | 0.26       | 17.52   | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV08               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV08               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:07:48 | DataFile Name :   | 037CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49648.05  | 50316.65  | 48914.10  | 49626.27   | 1.41    | ppb   |
| Antimony   | 121-1 | 511.46    | 494.98    | 491.38    | 499.27     | 2.14    | ppb   |
| Arsenic    | 75-2  | 488.71    | 487.94    | 492.86    | 489.84     | 0.54    | ppb   |
| Barium     | 135-1 | 2587.90   | 2468.08   | 2478.89   | 2511.62    | 2.64    | ppb   |
| Barium     | 137-1 | 2579.66   | 2423.92   | 2455.24   | 2486.27    | 3.31    | ppb   |
| Beryllium  | 9-1   | 519.49    | 500.85    | 490.92    | 503.75     | 2.88    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 502.68    | 503.11    | 495.63    | 500.47     | 0.84    | ppb   |
| Boron      | 11-1  | 509.68    | 509.15    | 500.45    | 506.43     | 1.02    | ppb   |
| Cadmium    | 111-1 | 490.78    | 475.80    | 476.46    | 481.01     | 1.76    | ppb   |
| Cadmium    | 106-1 | 501.29    | 477.60    | 484.64    | 487.84     | 2.49    | ppb   |
| Cadmium    | 108-1 | 492.07    | 471.36    | 483.83    | 482.42     | 2.16    | ppb   |
| Calcium    | 43-1  | 237972.79 | 236807.41 | 232228.32 | 235669.51  | 1.29    | ppb   |
| Calcium    | 44-1  | 239784.95 | 238319.67 | 231077.37 | 236394.00  | 1.97    | ppb   |
| Chromium   | 52-2  | 510.25    | 513.51    | 499.15    | 507.64     | 1.48    | ppb   |
| Cobalt     | 59-2  | 486.80    | 489.32    | 475.79    | 483.97     | 1.49    | ppb   |
| Copper     | 63-2  | 975.83    | 1000.48   | 956.51    | 977.61     | 2.25    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 119386.53 | 121287.32 | 117299.68 | 119324.51  | 1.67    | ppb   |
| Iron       | 57-2  | 122362.06 | 124000.39 | 119476.15 | 121946.20  | 1.88    | ppb   |
| Lead       | 206-1 | 509.32    | 507.32    | 513.23    | 509.96     | 0.59    | ppb   |
| Lead       | 207-1 | 501.51    | 488.76    | 493.39    | 494.55     | 1.30    | ppb   |
| Lead       | 208-1 | 513.35    | 505.20    | 505.88    | 508.14     | 0.89    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 243728.30 | 246450.50 | 238237.51 | 242805.44  | 1.72    | ppb   |
| Manganese  | 55-2  | 998.13    | 1011.99   | 987.25    | 999.12     | 1.24    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV08               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV08               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:07:48 | DataFile Name :   | 037CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 507.85    | 490.82    | 490.04    | 496.24     | 2.03    | ppb   |
| Molybdenum | 95-1  | 507.01    | 488.45    | 498.84    | 498.10     | 1.87    | ppb   |
| Molybdenum | 96-1  | 504.69    | 491.55    | 496.54    | 497.59     | 1.33    | ppb   |
| Molybdenum | 97-1  | 488.98    | 473.54    | 478.70    | 480.41     | 1.64    | ppb   |
| Molybdenum | 98-1  | 502.08    | 488.99    | 500.50    | 497.19     | 1.44    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 491.78    | 499.08    | 479.69    | 490.19     | 2.00    | ppb   |
| Phosphorus | 31-2  | 9792.82   | 10074.80  | 9384.04   | 9750.55    | 3.56    | ppb   |
| Potassium  | 39-2  | 124190.46 | 124017.43 | 121124.74 | 123110.88  | 1.40    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 528.59    | 524.12    | 505.01    | 519.24     | 2.41    | ppb   |
| Selenium   | 78-2  | 485.77    | 492.50    | 466.11    | 481.46     | 2.85    | ppb   |
| Selenium   | 82-1  | 490.07    | 481.69    | 485.62    | 485.79     | 0.86    | ppb   |
| Silicon    | 28-1  | 503.86    | 510.19    | 497.11    | 503.72     | 1.30    | ppb   |
| Silver     | 109-1 | 502.02    | 483.55    | 487.52    | 491.03     | 1.98    | ppb   |
| Silver     | 107-1 | 505.29    | 482.02    | 484.39    | 490.57     | 2.61    | ppb   |
| Sodium     | 23-2  | 245038.70 | 248951.98 | 241002.44 | 244997.70  | 1.62    | ppb   |
| Strontium  | 86-1  | 504.33    | 492.25    | 500.36    | 498.98     | 1.23    | ppb   |
| Strontium  | 88-1  | 512.00    | 494.63    | 501.30    | 502.64     | 1.74    | ppb   |
| Sulfur     | 34-1  | 10851.81  | 10528.37  | 10083.94  | 10488.04   | 3.68    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 522.04    | 512.83    | 512.30    | 515.72     | 1.06    | ppb   |
| Thallium   | 205-1 | 521.74    | 511.89    | 511.30    | 514.98     | 1.14    | ppb   |
| Tin        | 118-1 | 511.19    | 490.25    | 492.52    | 497.99     | 2.31    | ppb   |
| Titanium   | 47-1  | 495.28    | 493.13    | 484.43    | 490.95     | 1.17    | ppb   |
| Uranium    | 238-1 | 512.58    | 515.54    | 508.28    | 512.13     | 0.71    | ppb   |
| Vanadium   | 51-2  | 498.91    | 506.32    | 494.02    | 499.75     | 1.24    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 966.90    | 974.99    | 953.81    | 965.23     | 1.11    | ppb   |
| Zirconium  | 90-1  | 498.38    | 484.00    | 489.45    | 490.61     | 1.48    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV08               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV08               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:07:48 | DataFile Name :   | 037CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 488.26  | 474.04  | 477.98  | 480.09     | 1.53    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB08               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB08               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:15:49 | DataFile Name :   | 038CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.69   | 1.32    | 3.41    | 1.35       | 152.20  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.04       | 8.14    | ppb   |
| Arsenic    | 75-2  | -0.03   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.02    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.03   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.03    | 2.73    | 2.57    | 2.78       | 8.50    | ppb   |
| Boron      | 11-1  | 2.88    | 2.55    | 3.36    | 2.93       | 13.98   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.89   | -0.91   | -0.42   | -0.74      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | -0.05   | -0.01   | 0.03       | 398.45  | ppb   |
| Calcium    | 43-1  | 4.66    | -2.19   | -1.01   | 0.49       | 749.47  | ppb   |
| Calcium    | 44-1  | 6.23    | 4.60    | 0.02    | 3.62       | 89.01   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.12   | 0.00    | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.01    | 0.00       | 539.77  | ppb   |
| Copper     | 63-2  | 0.10    | 0.09    | 0.05    | 0.08       | 35.88   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.95    | 0.83    | 0.94    | 0.91       | 7.13    | ppb   |
| Iron       | 57-2  | 0.65    | -3.23   | 2.92    | 0.11       | 2722.10 | ppb   |
| Lead       | 206-1 | 0.04    | 0.06    | 0.05    | 0.05       | 28.74   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.09    | 0.07       | 33.60   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.06    | 0.05       | 11.13   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.30    | 1.47    | 0.70    | 1.49       | 53.50   | ppb   |
| Manganese  | 55-2  | 0.14    | 0.11    | 0.14    | 0.13       | 14.42   | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB08               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB08               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:15:49 | DataFile Name :   | 038CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.01    | 0.00    | 0.01       | 145.00  | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | -0.03   | -0.05   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.02   | -0.05   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -12.27  | 11.98   | -0.01   | -0.10      |         | ppb   |
| Potassium  | 39-2  | 12.42   | 9.56    | 14.17   | 12.05      | 19.32   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 3.04    | 0.00    | 1.01       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.80   | -1.32   | 0.12    | -1.00      |         | ppb   |
| Selenium   | 82-1  | -0.60   | -0.92   | 0.82    | -0.23      |         | ppb   |
| Silicon    | 28-1  | -8.61   | -12.97  | -12.19  | -11.26     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 16.52   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.01    | 0.02       | 30.53   | ppb   |
| Sodium     | 23-2  | 39.02   | 35.49   | 27.32   | 33.94      | 17.68   | ppb   |
| Strontium  | 86-1  | 0.08    | 0.11    | 0.08    | 0.09       | 20.50   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 151.90  | ppb   |
| Sulfur     | 34-1  | 618.84  | -27.98  | 77.07   | 222.65     | 155.90  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.02    | 0.03    | 0.03       | 22.83   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.03    | 0.03       | 15.15   | ppb   |
| Tin        | 118-1 | 0.06    | 0.06    | 0.03    | 0.05       | 35.60   | ppb   |
| Titanium   | 47-1  | -0.04   | -0.06   | -0.02   | -0.04      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.34    | 0.14    | 0.17    | 0.22       | 49.64   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 10.05   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB08               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB08               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:15:49 | DataFile Name :   | 038CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.02    | 0.01    | 0.03       | 59.14   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.41    | 5.36    | 8.26    | 5.34       | 54.80   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.26    | 0.27    | 0.26       | 4.12    | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.19    | 0.32    | 0.24       | 29.15   | ppb   |
| Barium     | 135-1 | 1.18    | 1.01    | 1.16    | 1.11       | 8.28    | ppb   |
| Barium     | 137-1 | 1.22    | 1.10    | 1.20    | 1.17       | 5.22    | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.21    | 0.25    | 0.22       | 12.53   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.52    | 1.44    | 0.77    | 1.58       | 55.92   | ppb   |
| Boron      | 11-1  | 1.86    | 1.55    | 1.67    | 1.69       | 9.16    | ppb   |
| Cadmium    | 111-1 | 0.15    | 0.12    | 0.11    | 0.13       | 15.51   | ppb   |
| Cadmium    | 106-1 | -1.07   | -1.03   | -1.57   | -1.22      |         | ppb   |
| Cadmium    | 108-1 | 0.40    | 0.21    | 0.29    | 0.30       | 31.41   | ppb   |
| Calcium    | 43-1  | 14.25   | 22.26   | 2.25    | 12.92      | 77.97   | ppb   |
| Calcium    | 44-1  | 23.80   | 21.20   | 21.83   | 22.28      | 6.09    | ppb   |
| Chromium   | 52-2  | 0.28    | 0.16    | 0.23    | 0.22       | 26.56   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.25    | 0.23    | 0.25       | 8.26    | ppb   |
| Copper     | 63-2  | 0.49    | 0.39    | 0.46    | 0.45       | 11.09   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.86   | 12.74   | 12.57   | 12.72      | 1.15    | ppb   |
| Iron       | 57-2  | 9.95    | 14.93   | 13.07   | 12.65      | 19.91   | ppb   |
| Lead       | 206-1 | 0.25    | 0.29    | 0.22    | 0.25       | 14.73   | ppb   |
| Lead       | 207-1 | 0.23    | 0.30    | 0.26    | 0.26       | 13.79   | ppb   |
| Lead       | 208-1 | 0.23    | 0.25    | 0.24    | 0.24       | 3.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 27.37   | 22.26   | 25.18   | 24.94      | 10.27   | ppb   |
| Manganese  | 55-2  | 0.60    | 0.52    | 0.46    | 0.53       | 13.78   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19    | 0.20    | 0.23    | 0.21       | 8.96    | ppb   |
| Molybdenum | 95-1  | 0.22    | 0.22    | 0.19    | 0.21       | 8.25    | ppb   |
| Molybdenum | 96-1  | 0.23    | 0.21    | 0.19    | 0.21       | 9.90    | ppb   |
| Molybdenum | 97-1  | 0.26    | 0.20    | 0.18    | 0.21       | 19.18   | ppb   |
| Molybdenum | 98-1  | 0.19    | 0.22    | 0.19    | 0.20       | 8.45    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.22    | 0.20    | 0.20       | 6.87    | ppb   |
| Phosphorus | 31-2  | 36.98   | 11.98   | 23.71   | 24.22      | 51.63   | ppb   |
| Potassium  | 39-2  | 24.29   | 21.93   | 19.46   | 21.89      | 11.02   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 3.00    | 3.02    | 2.01       | 86.60   | ppb   |
| Selenium   | 78-2  | 1.63    | 0.59    | 0.12    | 0.78       | 98.55   | ppb   |
| Selenium   | 82-1  | 2.36    | 1.47    | 1.35    | 1.73       | 31.77   | ppb   |
| Silicon    | 28-1  | -9.10   | -13.40  | -11.71  | -11.40     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.24    | 0.25    | 0.24       | 2.32    | ppb   |
| Silver     | 107-1 | 0.23    | 0.25    | 0.24    | 0.24       | 4.72    | ppb   |
| Sodium     | 23-2  | 48.79   | 48.70   | 46.64   | 48.04      | 2.53    | ppb   |
| Strontium  | 86-1  | 0.33    | 0.26    | 0.39    | 0.33       | 20.22   | ppb   |
| Strontium  | 88-1  | 0.24    | 0.24    | 0.23    | 0.24       | 3.53    | ppb   |
| Sulfur     | 34-1  | 115.42  | -212.26 | 65.15   | -10.56     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.25    | 0.20    | 0.17    | 0.21       | 19.98   | ppb   |
| Thallium   | 205-1 | 0.25    | 0.24    | 0.24    | 0.24       | 1.53    | ppb   |
| Tin        | 118-1 | 0.31    | 0.30    | 0.28    | 0.30       | 4.97    | ppb   |
| Titanium   | 47-1  | 0.23    | 0.10    | 0.22    | 0.18       | 41.41   | ppb   |
| Uranium    | 238-1 | 0.21    | 0.19    | 0.20    | 0.20       | 7.10    | ppb   |
| Vanadium   | 51-2  | 0.24    | 0.30    | 0.20    | 0.25       | 21.04   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.33    | 0.40    | 0.49    | 0.41       | 19.44   | ppb   |
| Zirconium  | 90-1  | 0.24    | 0.24    | 0.24    | 0.24       | 0.72    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.22    | 0.20    | 0.33    | 0.25       | 27.29   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.28    | 4.36    | 3.43    | 3.36       | 30.93   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.27    | 0.22    | 0.25       | 10.31   | ppb   |
| Arsenic    | 75-2  | 0.12    | 0.22    | 0.27    | 0.20       | 36.90   | ppb   |
| Barium     | 135-1 | 1.12    | 1.19    | 1.37    | 1.23       | 10.45   | ppb   |
| Barium     | 137-1 | 1.21    | 1.07    | 1.18    | 1.15       | 6.49    | ppb   |
| Beryllium  | 9-1   | 0.23    | 0.21    | 0.25    | 0.23       | 8.47    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.33    | 0.99    | 1.58    | 0.97       | 65.02   | ppb   |
| Boron      | 11-1  | 1.13    | 1.07    | 1.72    | 1.31       | 27.30   | ppb   |
| Cadmium    | 111-1 | 0.20    | 0.15    | 0.20    | 0.18       | 15.59   | ppb   |
| Cadmium    | 106-1 | 0.16    | -1.34   | -0.02   | -0.40      |         | ppb   |
| Cadmium    | 108-1 | 0.14    | 0.33    | 0.39    | 0.28       | 46.63   | ppb   |
| Calcium    | 43-1  | 14.76   | 12.78   | 2.04    | 9.86       | 69.40   | ppb   |
| Calcium    | 44-1  | 19.16   | 20.34   | 19.09   | 19.53      | 3.58    | ppb   |
| Chromium   | 52-2  | 0.23    | 0.17    | 0.20    | 0.20       | 14.97   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.25    | 0.24    | 0.25       | 6.84    | ppb   |
| Copper     | 63-2  | 0.45    | 0.47    | 0.50    | 0.47       | 5.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.93   | 12.62   | 12.99   | 12.85      | 1.54    | ppb   |
| Iron       | 57-2  | 15.57   | 6.15    | 11.07   | 10.93      | 43.13   | ppb   |
| Lead       | 206-1 | 0.30    | 0.27    | 0.29    | 0.29       | 6.37    | ppb   |
| Lead       | 207-1 | 0.30    | 0.26    | 0.25    | 0.27       | 9.33    | ppb   |
| Lead       | 208-1 | 0.26    | 0.25    | 0.25    | 0.26       | 2.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 29.25   | 21.09   | 31.48   | 27.27      | 20.05   | ppb   |
| Manganese  | 55-2  | 0.72    | 0.43    | 0.52    | 0.56       | 25.78   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26    | 0.24    | 0.24    | 0.25       | 6.11    | ppb   |
| Molybdenum | 95-1  | 0.24    | 0.23    | 0.23    | 0.23       | 2.87    | ppb   |
| Molybdenum | 96-1  | 0.22    | 0.14    | 0.19    | 0.18       | 20.14   | ppb   |
| Molybdenum | 97-1  | 0.31    | 0.27    | 0.22    | 0.26       | 16.53   | ppb   |
| Molybdenum | 98-1  | 0.22    | 0.25    | 0.20    | 0.22       | 11.27   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.19    | 0.29    | 0.19    | 0.22       | 25.29   | ppb   |
| Phosphorus | 31-2  | 11.77   | -0.13   | 24.68   | 12.11      | 102.49  | ppb   |
| Potassium  | 39-2  | 26.57   | 11.08   | 20.88   | 19.51      | 40.16   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 0.00    | 0.00    | 1.00       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.37   | -0.36   | 1.08    | 0.12       | 724.78  | ppb   |
| Selenium   | 82-1  | 1.73    | 2.55    | 3.15    | 2.48       | 28.90   | ppb   |
| Silicon    | 28-1  | -13.13  | -14.58  | -14.29  | -14.00     |         | ppb   |
| Silver     | 109-1 | 0.25    | 0.24    | 0.22    | 0.24       | 6.43    | ppb   |
| Silver     | 107-1 | 0.25    | 0.23    | 0.24    | 0.24       | 2.81    | ppb   |
| Sodium     | 23-2  | 45.65   | 44.57   | 53.37   | 47.86      | 10.03   | ppb   |
| Strontium  | 86-1  | 0.30    | 0.27    | 0.36    | 0.31       | 14.38   | ppb   |
| Strontium  | 88-1  | 0.24    | 0.23    | 0.25    | 0.24       | 3.06    | ppb   |
| Sulfur     | 34-1  | 13.97   | 77.82   | -20.21  | 23.86      | 208.56  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.26    | 0.28    | 0.24    | 0.26       | 9.27    | ppb   |
| Thallium   | 205-1 | 0.23    | 0.24    | 0.24    | 0.24       | 2.48    | ppb   |
| Tin        | 118-1 | 0.25    | 0.29    | 0.27    | 0.27       | 6.57    | ppb   |
| Titanium   | 47-1  | 0.30    | 0.30    | 0.28    | 0.29       | 4.62    | ppb   |
| Uranium    | 238-1 | 0.21    | 0.20    | 0.22    | 0.21       | 3.10    | ppb   |
| Vanadium   | 51-2  | 0.30    | 0.23    | 0.28    | 0.27       | 13.04   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.46    | 0.35    | 0.41    | 0.41       | 12.83   | ppb   |
| Zirconium  | 90-1  | 0.25    | 0.28    | 0.24    | 0.26       | 9.26    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.24    | 0.23    | 0.24    | 0.24       | 3.20    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.33    | 4.24    | 2.34    | 3.30       | 28.76   | ppb   |
| Antimony   | 121-1 | 0.25    | 0.24    | 0.25    | 0.24       | 2.11    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.18    | 0.24    | 0.20       | 17.49   | ppb   |
| Barium     | 135-1 | 1.18    | 1.33    | 1.16    | 1.22       | 7.84    | ppb   |
| Barium     | 137-1 | 1.05    | 1.15    | 1.11    | 1.11       | 4.82    | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.18    | 0.24    | 0.22       | 15.93   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.44   | 0.54    | 0.70    | 0.27       | 230.04  | ppb   |
| Boron      | 11-1  | 0.90    | 1.45    | 1.02    | 1.12       | 25.51   | ppb   |
| Cadmium    | 111-1 | 0.22    | 0.23    | 0.28    | 0.24       | 11.96   | ppb   |
| Cadmium    | 106-1 | 0.39    | 0.16    | 0.69    | 0.41       | 63.90   | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.15    | 0.36    | 0.23       | 51.33   | ppb   |
| Calcium    | 43-1  | -0.62   | 16.38   | 24.52   | 13.43      | 95.53   | ppb   |
| Calcium    | 44-1  | 14.60   | 23.79   | 22.23   | 20.20      | 24.33   | ppb   |
| Chromium   | 52-2  | 0.29    | 0.22    | 0.15    | 0.22       | 33.65   | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.24    | 0.25    | 0.24       | 2.76    | ppb   |
| Copper     | 63-2  | 0.45    | 0.49    | 0.48    | 0.47       | 3.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 11.54   | 11.80   | 12.14   | 11.83      | 2.52    | ppb   |
| Iron       | 57-2  | 11.35   | 9.19    | 14.42   | 11.65      | 22.56   | ppb   |
| Lead       | 206-1 | 0.21    | 0.30    | 0.24    | 0.25       | 17.93   | ppb   |
| Lead       | 207-1 | 0.21    | 0.27    | 0.31    | 0.26       | 18.22   | ppb   |
| Lead       | 208-1 | 0.22    | 0.26    | 0.25    | 0.24       | 9.50    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 25.27   | 21.67   | 20.49   | 22.48      | 11.09   | ppb   |
| Manganese  | 55-2  | 0.67    | 0.60    | 0.60    | 0.63       | 6.71    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.22    | 0.23    | 0.23       | 0.62    | ppb   |
| Molybdenum | 95-1  | 0.18    | 0.19    | 0.24    | 0.21       | 16.84   | ppb   |
| Molybdenum | 96-1  | 0.22    | 0.23    | 0.21    | 0.22       | 4.65    | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.18    | 0.17    | 0.18       | 5.95    | ppb   |
| Molybdenum | 98-1  | 0.20    | 0.20    | 0.18    | 0.19       | 5.25    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29    | 0.23    | 0.25    | 0.26       | 13.13   | ppb   |
| Phosphorus | 31-2  | 36.21   | -0.34   | 24.17   | 20.01      | 93.07   | ppb   |
| Potassium  | 39-2  | 34.20   | 23.53   | 19.46   | 25.73      | 29.57   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 3.01    | 1.00       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.37   | 0.12    | 0.12    | -0.05      |         | ppb   |
| Selenium   | 82-1  | 2.23    | 2.02    | 2.31    | 2.19       | 6.93    | ppb   |
| Silicon    | 28-1  | -11.28  | -9.31   | -11.82  | -10.81     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.22    | 0.23    | 0.23       | 4.29    | ppb   |
| Silver     | 107-1 | 0.26    | 0.24    | 0.22    | 0.24       | 8.33    | ppb   |
| Sodium     | 23-2  | 44.16   | 48.40   | 44.42   | 45.66      | 5.20    | ppb   |
| Strontium  | 86-1  | 0.33    | 0.32    | 0.37    | 0.34       | 8.77    | ppb   |
| Strontium  | 88-1  | 0.24    | 0.26    | 0.23    | 0.25       | 5.03    | ppb   |
| Sulfur     | 34-1  | 4.51    | 356.07  | 89.70   | 150.09     | 122.19  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.23    | 0.26    | 0.22    | 0.24       | 9.85    | ppb   |
| Thallium   | 205-1 | 0.21    | 0.27    | 0.22    | 0.23       | 12.63   | ppb   |
| Tin        | 118-1 | 0.23    | 0.27    | 0.21    | 0.24       | 13.00   | ppb   |
| Titanium   | 47-1  | 0.23    | 0.24    | 0.08    | 0.18       | 47.84   | ppb   |
| Uranium    | 238-1 | 0.19    | 0.19    | 0.19    | 0.19       | 2.18    | ppb   |
| Vanadium   | 51-2  | 0.19    | 0.24    | 0.20    | 0.21       | 14.01   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.91    | 0.93    | 1.03    | 0.96       | 6.62    | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.24    | 0.21    | 0.23       | 7.24    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.18    | 0.21    | 0.23    | 0.21       | 11.73   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.34    | 6.47    | 2.59    | 4.13       | 49.75   | ppb   |
| Antimony   | 121-1 | 0.22    | 0.25    | 0.28    | 0.25       | 10.67   | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.23    | 0.24    | 0.20       | 27.80   | ppb   |
| Barium     | 135-1 | 1.08    | 1.14    | 1.27    | 1.16       | 8.42    | ppb   |
| Barium     | 137-1 | 1.13    | 1.14    | 1.27    | 1.18       | 6.74    | ppb   |
| Beryllium  | 9-1   | 0.17    | 0.22    | 0.23    | 0.21       | 15.94   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.40    | -0.81   | 0.04    | -0.12      |         | ppb   |
| Boron      | 11-1  | 0.91    | 0.50    | 0.64    | 0.68       | 29.96   | ppb   |
| Cadmium    | 111-1 | 0.14    | 0.27    | 0.10    | 0.17       | 51.32   | ppb   |
| Cadmium    | 106-1 | -0.40   | 0.06    | -1.32   | -0.55      |         | ppb   |
| Cadmium    | 108-1 | 0.32    | 0.25    | 0.29    | 0.29       | 12.77   | ppb   |
| Calcium    | 43-1  | 14.75   | 3.66    | 6.04    | 8.15       | 71.64   | ppb   |
| Calcium    | 44-1  | 17.44   | 17.40   | 13.06   | 15.97      | 15.76   | ppb   |
| Chromium   | 52-2  | 0.18    | 0.25    | 0.25    | 0.23       | 18.72   | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.27    | 0.27    | 0.27       | 3.25    | ppb   |
| Copper     | 63-2  | 0.47    | 0.45    | 0.45    | 0.46       | 2.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 11.64   | 11.88   | 12.97   | 12.16      | 5.85    | ppb   |
| Iron       | 57-2  | 10.82   | 14.07   | 18.05   | 14.31      | 25.29   | ppb   |
| Lead       | 206-1 | 0.26    | 0.22    | 0.27    | 0.25       | 10.49   | ppb   |
| Lead       | 207-1 | 0.24    | 0.18    | 0.24    | 0.22       | 15.64   | ppb   |
| Lead       | 208-1 | 0.23    | 0.21    | 0.24    | 0.23       | 7.03    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 25.72   | 21.94   | 25.48   | 24.38      | 8.68    | ppb   |
| Manganese  | 55-2  | 0.65    | 0.55    | 0.46    | 0.55       | 17.38   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.27    | 0.22    | 0.23    | 0.24       | 10.16    | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.23    | 0.23    | 0.21       | 19.12    | ppb   |
| Molybdenum | 96-1  | 0.21    | 0.22    | 0.21    | 0.21       | 3.94     | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.20    | 0.23    | 0.21       | 8.87     | ppb   |
| Molybdenum | 98-1  | 0.18    | 0.21    | 0.22    | 0.20       | 9.97     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.19    | 0.24    | 0.16    | 0.20       | 20.86    | ppb   |
| Phosphorus | 31-2  | 36.29   | -12.27  | -12.27  | 3.92       | 716.06   | ppb   |
| Potassium  | 39-2  | 20.56   | 19.24   | 32.14   | 23.98      | 29.60    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 6.07    | 0.00    | 0.00    | 2.02       | 173.21   | ppb   |
| Selenium   | 78-2  | -0.35   | -0.37   | 0.73    | 0.01       | 12570.07 | ppb   |
| Selenium   | 82-1  | 1.79    | 2.13    | 2.45    | 2.12       | 15.67    | ppb   |
| Silicon    | 28-1  | -12.40  | -13.38  | -13.93  | -13.24     |          | ppb   |
| Silver     | 109-1 | 0.25    | 0.24    | 0.23    | 0.24       | 3.28     | ppb   |
| Silver     | 107-1 | 0.22    | 0.24    | 0.27    | 0.24       | 10.22    | ppb   |
| Sodium     | 23-2  | 44.08   | 43.73   | 50.35   | 46.05      | 8.09     | ppb   |
| Strontium  | 86-1  | 0.35    | 0.35    | 0.24    | 0.32       | 19.59    | ppb   |
| Strontium  | 88-1  | 0.25    | 0.23    | 0.26    | 0.24       | 6.01     | ppb   |
| Sulfur     | 34-1  | -58.51  | 44.91   | -13.97  | -9.19      |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.21    | 0.22    | 0.22    | 0.22       | 1.13     | ppb   |
| Thallium   | 205-1 | 0.22    | 0.21    | 0.27    | 0.23       | 13.86    | ppb   |
| Tin        | 118-1 | 0.22    | 0.22    | 0.22    | 0.22       | 0.55     | ppb   |
| Titanium   | 47-1  | 0.31    | 0.28    | 0.35    | 0.31       | 11.07    | ppb   |
| Uranium    | 238-1 | 0.21    | 0.21    | 0.22    | 0.21       | 3.62     | ppb   |
| Vanadium   | 51-2  | 0.25    | 0.22    | 0.16    | 0.21       | 21.75    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | 0.59    | 0.31    | 0.44    | 0.45       | 31.60    | ppb   |
| Zirconium  | 90-1  | 0.23    | 0.21    | 0.23    | 0.22       | 3.57     | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.21    | 0.19    | 0.19    | 0.20       | 6.86    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 200.8 Sample#5 Instrumnet Name : P8  
 Client Sample ID : 200.8 Sample#5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:33:15 DataFile Name : 043SMPL\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.28    | 4.32    | 4.32    | 3.97       | 15.18   | ppb   |
| Antimony   | 121-1 | 0.26    | 0.24    | 0.20    | 0.24       | 12.22   | ppb   |
| Arsenic    | 75-2  | 0.20    | 0.22    | 0.15    | 0.19       | 19.67   | ppb   |
| Barium     | 135-1 | 1.29    | 1.12    | 1.21    | 1.21       | 7.12    | ppb   |
| Barium     | 137-1 | 1.22    | 1.29    | 1.32    | 1.28       | 4.03    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.19    | 0.22    | 0.20       | 11.06   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.67    | 0.23    | -0.50   | 0.13       | 448.29  | ppb   |
| Boron      | 11-1  | 0.80    | 0.66    | 0.47    | 0.64       | 26.23   | ppb   |
| Cadmium    | 111-1 | 0.12    | 0.29    | 0.15    | 0.19       | 46.01   | ppb   |
| Cadmium    | 106-1 | -1.09   | 0.77    | -1.14   | -0.49      |         | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.44    | 0.25    | 0.30       | 39.91   | ppb   |
| Calcium    | 43-1  | 11.05   | 33.41   | 13.71   | 19.39      | 63.01   | ppb   |
| Calcium    | 44-1  | 16.26   | 21.32   | 15.51   | 17.70      | 17.85   | ppb   |
| Chromium   | 52-2  | 0.23    | 0.25    | 0.22    | 0.23       | 7.50    | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.28    | 0.25    | 0.26       | 10.31   | ppb   |
| Copper     | 63-2  | 0.41    | 0.43    | 0.46    | 0.43       | 6.13    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.98   | 12.53   | 12.67   | 12.72      | 1.81    | ppb   |
| Iron       | 57-2  | 12.82   | 12.66   | 11.85   | 12.44      | 4.17    | ppb   |
| Lead       | 206-1 | 0.24    | 0.33    | 0.24    | 0.27       | 18.67   | ppb   |
| Lead       | 207-1 | 0.27    | 0.25    | 0.26    | 0.26       | 5.06    | ppb   |
| Lead       | 208-1 | 0.24    | 0.25    | 0.24    | 0.24       | 2.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 26.21   | 17.54   | 27.41   | 23.72      | 22.72   | ppb   |
| Manganese  | 55-2  | 0.59    | 0.58    | 0.67    | 0.61       | 8.53    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#5      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#5      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:33:15 | DataFile Name :   | 043SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22    | 0.19    | 0.26    | 0.23       | 16.90   | ppb   |
| Molybdenum | 95-1  | 0.15    | 0.21    | 0.24    | 0.20       | 21.24   | ppb   |
| Molybdenum | 96-1  | 0.21    | 0.25    | 0.23    | 0.23       | 8.68    | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.25    | 0.24    | 0.24       | 2.16    | ppb   |
| Molybdenum | 98-1  | 0.21    | 0.23    | 0.23    | 0.22       | 6.70    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.32    | 0.26    | 0.18    | 0.25       | 26.93   | ppb   |
| Phosphorus | 31-2  | 11.74   | -12.27  | 36.07   | 11.85      | 204.02  | ppb   |
| Potassium  | 39-2  | 11.67   | 11.39   | 25.40   | 16.15      | 49.59   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 9.06    | 0.00    | 0.00    | 3.02       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.08    | 2.51    | 2.03    | 1.88       | 38.80   | ppb   |
| Selenium   | 82-1  | 2.82    | 2.30    | 1.87    | 2.33       | 20.39   | ppb   |
| Silicon    | 28-1  | -13.13  | -12.36  | -12.10  | -12.53     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.22    | 0.23    | 0.23       | 4.17    | ppb   |
| Silver     | 107-1 | 0.24    | 0.23    | 0.24    | 0.24       | 2.33    | ppb   |
| Sodium     | 23-2  | 42.06   | 43.11   | 44.04   | 43.07      | 2.30    | ppb   |
| Strontium  | 86-1  | 0.41    | 0.25    | 0.31    | 0.32       | 25.94   | ppb   |
| Strontium  | 88-1  | 0.24    | 0.26    | 0.25    | 0.25       | 4.00    | ppb   |
| Sulfur     | 34-1  | 55.99   | 220.14  | 84.19   | 120.11     | 73.08   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.26    | 0.25    | 0.21    | 0.24       | 10.38   | ppb   |
| Thallium   | 205-1 | 0.27    | 0.23    | 0.25    | 0.25       | 7.37    | ppb   |
| Tin        | 118-1 | 0.23    | 0.22    | 0.24    | 0.23       | 5.26    | ppb   |
| Titanium   | 47-1  | 0.23    | 0.14    | 0.19    | 0.19       | 23.28   | ppb   |
| Uranium    | 238-1 | 0.20    | 0.22    | 0.23    | 0.22       | 7.58    | ppb   |
| Vanadium   | 51-2  | 0.24    | 0.28    | 0.25    | 0.26       | 8.67    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.58    | 0.35    | 0.80    | 0.58       | 38.87   | ppb   |
| Zirconium  | 90-1  | 0.27    | 0.22    | 0.26    | 0.25       | 8.95    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#5      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#5      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:33:15 | DataFile Name :   | 043SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.25    | 0.23    | 0.21    | 0.23       | 7.12    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.29    | 4.25    | 8.37    | 4.30       | 93.89   | ppb   |
| Antimony   | 121-1 | 0.23    | 0.25    | 0.23    | 0.24       | 4.71    | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.20    | 0.24    | 0.21       | 14.64   | ppb   |
| Barium     | 135-1 | 1.25    | 1.18    | 1.07    | 1.16       | 7.83    | ppb   |
| Barium     | 137-1 | 1.28    | 1.08    | 1.18    | 1.18       | 8.53    | ppb   |
| Beryllium  | 9-1   | 0.22    | 0.20    | 0.20    | 0.20       | 6.07    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.13   | 0.37    | -0.02   | 0.08       | 347.72  | ppb   |
| Boron      | 11-1  | 0.74    | 0.62    | 0.72    | 0.69       | 9.37    | ppb   |
| Cadmium    | 111-1 | 0.17    | 0.24    | 0.21    | 0.21       | 16.49   | ppb   |
| Cadmium    | 106-1 | -1.15   | 0.25    | -1.26   | -0.72      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.25    | 0.18    | 0.15       | 76.32   | ppb   |
| Calcium    | 43-1  | 19.71   | 5.03    | 9.35    | 11.36      | 66.40   | ppb   |
| Calcium    | 44-1  | 17.13   | 16.15   | 15.77   | 16.35      | 4.28    | ppb   |
| Chromium   | 52-2  | 0.19    | 0.26    | 0.30    | 0.25       | 22.60   | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.23    | 0.24    | 0.24       | 2.78    | ppb   |
| Copper     | 63-2  | 0.46    | 0.50    | 0.45    | 0.47       | 5.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 13.16   | 12.35   | 12.63   | 12.71      | 3.27    | ppb   |
| Iron       | 57-2  | 17.54   | 14.10   | 14.92   | 15.52      | 11.56   | ppb   |
| Lead       | 206-1 | 0.29    | 0.27    | 0.27    | 0.28       | 3.92    | ppb   |
| Lead       | 207-1 | 0.26    | 0.25    | 0.26    | 0.26       | 1.96    | ppb   |
| Lead       | 208-1 | 0.24    | 0.24    | 0.24    | 0.24       | 1.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 24.51   | 23.31   | 24.06   | 23.96      | 2.53    | ppb   |
| Manganese  | 55-2  | 0.66    | 0.45    | 0.60    | 0.57       | 18.55   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.24    | 0.20    | 0.22       | 9.07    | ppb   |
| Molybdenum | 95-1  | 0.19    | 0.22    | 0.20    | 0.20       | 7.72    | ppb   |
| Molybdenum | 96-1  | 0.24    | 0.21    | 0.24    | 0.23       | 5.76    | ppb   |
| Molybdenum | 97-1  | 0.21    | 0.28    | 0.22    | 0.24       | 15.27   | ppb   |
| Molybdenum | 98-1  | 0.22    | 0.22    | 0.19    | 0.21       | 8.59    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.27    | 0.25    | 0.23    | 0.25       | 8.15    | ppb   |
| Phosphorus | 31-2  | -12.27  | -12.27  | -12.27  | -12.27     |         | ppb   |
| Potassium  | 39-2  | 23.91   | 12.56   | 21.50   | 19.32      | 30.97   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 9.06    | 2.97    | 5.01       | 70.17   | ppb   |
| Selenium   | 78-2  | 3.44    | 2.04    | 1.51    | 2.33       | 42.68   | ppb   |
| Selenium   | 82-1  | 0.94    | 2.79    | 2.43    | 2.06       | 47.68   | ppb   |
| Silicon    | 28-1  | -15.31  | -13.80  | -13.69  | -14.27     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.21    | 0.23    | 0.23       | 5.92    | ppb   |
| Silver     | 107-1 | 0.24    | 0.22    | 0.22    | 0.23       | 5.15    | ppb   |
| Sodium     | 23-2  | 46.00   | 42.13   | 41.41   | 43.18      | 5.72    | ppb   |
| Strontium  | 86-1  | 0.43    | 0.39    | 0.27    | 0.36       | 23.47   | ppb   |
| Strontium  | 88-1  | 0.25    | 0.24    | 0.23    | 0.24       | 2.88    | ppb   |
| Sulfur     | 34-1  | 169.40  | 78.22   | 103.34  | 116.99     | 40.26   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.23    | 0.21    | 0.25    | 0.23       | 8.53    | ppb   |
| Thallium   | 205-1 | 0.22    | 0.23    | 0.23    | 0.23       | 3.06    | ppb   |
| Tin        | 118-1 | 0.24    | 0.24    | 0.24    | 0.24       | 1.66    | ppb   |
| Titanium   | 47-1  | 0.22    | 0.29    | 0.15    | 0.22       | 31.12   | ppb   |
| Uranium    | 238-1 | 0.23    | 0.21    | 0.21    | 0.22       | 6.04    | ppb   |
| Vanadium   | 51-2  | 0.19    | 0.25    | 0.20    | 0.22       | 15.19   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.41    | 0.39    | 0.06    | 0.29       | 67.75   | ppb   |
| Zirconium  | 90-1  | 0.21    | 0.24    | 0.24    | 0.23       | 8.27    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.26    | 0.17    | 0.23    | 0.22       | 21.46   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.38    | 3.18    | 4.32    | 3.63       | 16.78   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.26    | 0.23    | 0.23       | 11.87   | ppb   |
| Arsenic    | 75-2  | 0.18    | 0.17    | 0.22    | 0.19       | 15.03   | ppb   |
| Barium     | 135-1 | 1.29    | 1.08    | 1.21    | 1.19       | 8.58    | ppb   |
| Barium     | 137-1 | 1.19    | 1.07    | 1.19    | 1.15       | 6.01    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.16    | 0.23    | 0.19       | 16.89   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.60    | -0.32   | 0.15    | 0.14       | 318.90  | ppb   |
| Boron      | 11-1  | 0.47    | 0.65    | 0.37    | 0.50       | 28.57   | ppb   |
| Cadmium    | 111-1 | 0.24    | 0.19    | 0.19    | 0.21       | 12.88   | ppb   |
| Cadmium    | 106-1 | -0.86   | -0.51   | -0.54   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.15    | 0.25    | 0.57    | 0.33       | 66.39   | ppb   |
| Calcium    | 43-1  | 18.00   | 5.73    | 10.84   | 11.52      | 53.48   | ppb   |
| Calcium    | 44-1  | 29.22   | 15.89   | 19.16   | 21.42      | 32.42   | ppb   |
| Chromium   | 52-2  | 0.19    | 0.21    | 0.23    | 0.21       | 9.63    | ppb   |
| Cobalt     | 59-2  | 0.23    | 0.24    | 0.24    | 0.24       | 3.47    | ppb   |
| Copper     | 63-2  | 0.44    | 0.45    | 0.40    | 0.43       | 6.07    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 12.09   | 12.22   | 11.86   | 12.06      | 1.50    | ppb   |
| Iron       | 57-2  | 13.43   | 10.64   | 12.94   | 12.34      | 12.07   | ppb   |
| Lead       | 206-1 | 0.23    | 0.21    | 0.28    | 0.24       | 14.58   | ppb   |
| Lead       | 207-1 | 0.26    | 0.20    | 0.24    | 0.23       | 12.72   | ppb   |
| Lead       | 208-1 | 0.25    | 0.21    | 0.23    | 0.23       | 8.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 27.95   | 23.39   | 25.40   | 25.58      | 8.93    | ppb   |
| Manganese  | 55-2  | 0.54    | 0.64    | 0.67    | 0.62       | 11.66   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.23    | 0.20    | 0.24    | 0.23       | 8.39    | ppb   |
| Molybdenum | 95-1  | 0.22    | 0.17    | 0.23    | 0.20       | 13.91   | ppb   |
| Molybdenum | 96-1  | 0.21    | 0.26    | 0.16    | 0.21       | 23.99   | ppb   |
| Molybdenum | 97-1  | 0.18    | 0.18    | 0.12    | 0.16       | 22.51   | ppb   |
| Molybdenum | 98-1  | 0.24    | 0.20    | 0.16    | 0.20       | 21.51   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.23    | 0.12    | 0.23    | 0.20       | 34.90   | ppb   |
| Phosphorus | 31-2  | 12.17   | -12.27  | -0.19   | -0.10      |         | ppb   |
| Potassium  | 39-2  | 18.58   | 4.28    | 9.65    | 10.83      | 66.65   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 11.87   | 0.00    | 3.02    | 4.96       | 124.30  | ppb   |
| Selenium   | 78-2  | 2.92    | 1.01    | 1.57    | 1.83       | 53.65   | ppb   |
| Selenium   | 82-1  | 2.76    | 1.48    | 0.97    | 1.74       | 52.98   | ppb   |
| Silicon    | 28-1  | -5.19   | -11.07  | -14.01  | -10.09     |         | ppb   |
| Silver     | 109-1 | 0.24    | 0.21    | 0.21    | 0.22       | 8.03    | ppb   |
| Silver     | 107-1 | 0.25    | 0.26    | 0.23    | 0.25       | 6.98    | ppb   |
| Sodium     | 23-2  | 38.28   | 45.93   | 41.20   | 41.80      | 9.23    | ppb   |
| Strontium  | 86-1  | 0.46    | 0.39    | 0.24    | 0.36       | 31.68   | ppb   |
| Strontium  | 88-1  | 0.26    | 0.23    | 0.23    | 0.24       | 6.63    | ppb   |
| Sulfur     | 34-1  | 1075.69 | 343.53  | 143.18  | 520.80     | 94.25   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.23    | 0.25    | 0.20    | 0.23       | 11.42   | ppb   |
| Thallium   | 205-1 | 0.22    | 0.21    | 0.24    | 0.23       | 7.11    | ppb   |
| Tin        | 118-1 | 0.27    | 0.28    | 0.22    | 0.26       | 11.44   | ppb   |
| Titanium   | 47-1  | 0.19    | 0.19    | 0.25    | 0.21       | 16.53   | ppb   |
| Uranium    | 238-1 | 0.19    | 0.21    | 0.21    | 0.20       | 4.57    | ppb   |
| Vanadium   | 51-2  | 0.16    | 0.21    | 0.26    | 0.21       | 22.73   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.29    | 0.30    | 0.54    | 0.38       | 37.10   | ppb   |
| Zirconium  | 90-1  | 0.25    | 0.21    | 0.24    | 0.23       | 8.05    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.22    | 0.20    | 0.21       | 5.10    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#15       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#15       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:42:48 | DataFile Name :   | 046SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.14   | 16.04   | 8.62    | 12.27      | 30.27   | ppb   |
| Antimony   | 121-1 | 0.62    | 0.63    | 0.62    | 0.62       | 0.70    | ppb   |
| Arsenic    | 75-2  | 0.66    | 0.65    | 0.59    | 0.64       | 6.09    | ppb   |
| Barium     | 135-1 | 3.11    | 2.92    | 2.86    | 2.96       | 4.49    | ppb   |
| Barium     | 137-1 | 3.05    | 3.23    | 3.04    | 3.11       | 3.43    | ppb   |
| Beryllium  | 9-1   | 0.57    | 0.56    | 0.59    | 0.57       | 2.95    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.35    | 0.89    | 0.44    | 0.56       | 52.23   | ppb   |
| Boron      | 11-1  | 0.85    | 0.62    | 0.62    | 0.70       | 19.13   | ppb   |
| Cadmium    | 111-1 | 0.57    | 0.61    | 0.58    | 0.59       | 3.71    | ppb   |
| Cadmium    | 106-1 | -0.34   | -0.11   | -0.59   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.52    | 0.56    | 0.87    | 0.65       | 28.90   | ppb   |
| Calcium    | 43-1  | 45.74   | 36.46   | 19.44   | 33.88      | 39.36   | ppb   |
| Calcium    | 44-1  | 49.61   | 49.00   | 48.69   | 49.10      | 0.96    | ppb   |
| Chromium   | 52-2  | 0.54    | 0.64    | 0.68    | 0.62       | 11.64   | ppb   |
| Cobalt     | 59-2  | 0.61    | 0.65    | 0.65    | 0.64       | 2.86    | ppb   |
| Copper     | 63-2  | 1.21    | 1.37    | 1.23    | 1.27       | 6.98    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.15   | 31.70   | 31.80   | 31.22      | 2.98    | ppb   |
| Iron       | 57-2  | 34.83   | 28.70   | 30.55   | 31.36      | 10.02   | ppb   |
| Lead       | 206-1 | 0.65    | 0.57    | 0.61    | 0.61       | 6.01    | ppb   |
| Lead       | 207-1 | 0.57    | 0.59    | 0.63    | 0.60       | 5.12    | ppb   |
| Lead       | 208-1 | 0.57    | 0.59    | 0.59    | 0.59       | 2.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 60.46   | 66.02   | 63.59   | 63.36      | 4.41    | ppb   |
| Manganese  | 55-2  | 1.20    | 1.36    | 1.27    | 1.28       | 6.37    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#15       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#15       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:42:48 | DataFile Name :   | 046SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.58    | 0.58    | 0.61    | 0.59       | 2.49    | ppb   |
| Molybdenum | 95-1  | 0.59    | 0.59    | 0.57    | 0.59       | 1.84    | ppb   |
| Molybdenum | 96-1  | 0.60    | 0.59    | 0.53    | 0.57       | 6.65    | ppb   |
| Molybdenum | 97-1  | 0.50    | 0.57    | 0.48    | 0.52       | 9.41    | ppb   |
| Molybdenum | 98-1  | 0.54    | 0.58    | 0.56    | 0.56       | 3.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.59    | 0.68    | 0.62    | 0.63       | 7.03    | ppb   |
| Phosphorus | 31-2  | -0.37   | 25.30   | 24.87   | 16.60      | 88.54   | ppb   |
| Potassium  | 39-2  | 32.79   | 68.39   | 45.09   | 48.75      | 37.08   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 9.02    | 0.00    | 0.00    | 3.01       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.32   | 0.21    | -0.37   | -0.49      |         | ppb   |
| Selenium   | 82-1  | 1.37    | 0.88    | 0.79    | 1.02       | 30.97   | ppb   |
| Silicon    | 28-1  | -13.88  | -15.54  | -14.36  | -14.60     |         | ppb   |
| Silver     | 109-1 | 0.63    | 0.64    | 0.63    | 0.63       | 1.38    | ppb   |
| Silver     | 107-1 | 0.57    | 0.67    | 0.65    | 0.63       | 8.16    | ppb   |
| Sodium     | 23-2  | 73.70   | 84.41   | 85.42   | 81.17      | 8.00    | ppb   |
| Strontium  | 86-1  | 0.68    | 0.62    | 0.64    | 0.65       | 4.42    | ppb   |
| Strontium  | 88-1  | 0.59    | 0.59    | 0.60    | 0.59       | 1.19    | ppb   |
| Sulfur     | 34-1  | 320.80  | 177.60  | 142.92  | 213.77     | 44.11   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.56    | 0.59    | 0.58    | 0.58       | 2.79    | ppb   |
| Thallium   | 205-1 | 0.59    | 0.59    | 0.55    | 0.58       | 4.14    | ppb   |
| Tin        | 118-1 | 0.68    | 0.65    | 0.64    | 0.66       | 3.11    | ppb   |
| Titanium   | 47-1  | 0.48    | 0.53    | 0.57    | 0.53       | 7.92    | ppb   |
| Uranium    | 238-1 | 0.59    | 0.56    | 0.55    | 0.57       | 3.22    | ppb   |
| Vanadium   | 51-2  | 0.57    | 0.61    | 0.57    | 0.58       | 4.03    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.11    | 0.99    | 1.37    | 1.16       | 16.69   | ppb   |
| Zirconium  | 90-1  | 0.57    | 0.63    | 0.58    | 0.60       | 5.71    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#15       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#15       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:42:48 | DataFile Name :   | 046SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.65    | 0.59    | 0.49    | 0.58       | 14.54   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#16       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#16       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:46:00 | DataFile Name :   | 047SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.18    | 9.21    | 14.34   | 10.91      | 27.25   | ppb   |
| Antimony   | 121-1 | 0.61    | 0.59    | 0.65    | 0.62       | 5.13    | ppb   |
| Arsenic    | 75-2  | 0.40    | 0.60    | 0.64    | 0.54       | 23.25   | ppb   |
| Barium     | 135-1 | 3.11    | 2.88    | 3.26    | 3.08       | 6.17    | ppb   |
| Barium     | 137-1 | 3.09    | 2.98    | 3.04    | 3.03       | 1.70    | ppb   |
| Beryllium  | 9-1   | 0.66    | 0.68    | 0.59    | 0.64       | 7.02    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.00    | 0.15    | -0.09   | 0.02       | 698.36  | ppb   |
| Boron      | 11-1  | 0.86    | 0.95    | 0.98    | 0.93       | 6.98    | ppb   |
| Cadmium    | 111-1 | 0.58    | 0.42    | 0.53    | 0.51       | 16.10   | ppb   |
| Cadmium    | 106-1 | 0.31    | -1.69   | -0.38   | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.60    | 0.52    | 0.44    | 0.52       | 15.10   | ppb   |
| Calcium    | 43-1  | 52.49   | 33.29   | 42.26   | 42.68      | 22.50   | ppb   |
| Calcium    | 44-1  | 50.99   | 53.37   | 50.37   | 51.58      | 3.07    | ppb   |
| Chromium   | 52-2  | 0.62    | 0.55    | 0.55    | 0.57       | 7.38    | ppb   |
| Cobalt     | 59-2  | 0.63    | 0.65    | 0.62    | 0.63       | 2.52    | ppb   |
| Copper     | 63-2  | 1.20    | 1.11    | 1.27    | 1.20       | 6.63    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.20   | 30.85   | 30.59   | 30.54      | 1.07    | ppb   |
| Iron       | 57-2  | 33.22   | 29.55   | 29.34   | 30.70      | 7.11    | ppb   |
| Lead       | 206-1 | 0.62    | 0.55    | 0.58    | 0.58       | 5.77    | ppb   |
| Lead       | 207-1 | 0.60    | 0.58    | 0.59    | 0.59       | 2.06    | ppb   |
| Lead       | 208-1 | 0.59    | 0.58    | 0.60    | 0.59       | 2.04    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 59.88   | 64.66   | 68.91   | 64.49      | 7.00    | ppb   |
| Manganese  | 55-2  | 1.34    | 1.44    | 1.17    | 1.32       | 10.47   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#16       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#16       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:46:00 | DataFile Name :   | 047SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.52    | 0.56    | 0.59    | 0.56       | 5.62    | ppb   |
| Molybdenum | 95-1  | 0.56    | 0.60    | 0.57    | 0.58       | 4.10    | ppb   |
| Molybdenum | 96-1  | 0.59    | 0.55    | 0.61    | 0.58       | 4.57    | ppb   |
| Molybdenum | 97-1  | 0.58    | 0.52    | 0.57    | 0.56       | 6.05    | ppb   |
| Molybdenum | 98-1  | 0.55    | 0.52    | 0.60    | 0.56       | 6.91    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.54    | 0.65    | 0.60    | 0.60       | 9.08    | ppb   |
| Phosphorus | 31-2  | 11.55   | 23.57   | 35.97   | 23.70      | 51.52   | ppb   |
| Potassium  | 39-2  | 40.44   | 24.61   | 37.01   | 34.02      | 24.47   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 3.02    | 3.04    | 2.02       | 86.60   | ppb   |
| Selenium   | 78-2  | -0.36   | -0.36   | 1.10    | 0.13       | 667.67  | ppb   |
| Selenium   | 82-1  | 0.94    | 0.64    | 0.82    | 0.80       | 18.47   | ppb   |
| Silicon    | 28-1  | -11.68  | -13.30  | -13.88  | -12.96     |         | ppb   |
| Silver     | 109-1 | 0.67    | 0.61    | 0.59    | 0.62       | 6.57    | ppb   |
| Silver     | 107-1 | 0.65    | 0.58    | 0.67    | 0.63       | 7.06    | ppb   |
| Sodium     | 23-2  | 72.03   | 75.92   | 77.74   | 75.23      | 3.88    | ppb   |
| Strontium  | 86-1  | 0.74    | 0.67    | 0.69    | 0.70       | 5.45    | ppb   |
| Strontium  | 88-1  | 0.62    | 0.62    | 0.56    | 0.60       | 6.15    | ppb   |
| Sulfur     | 34-1  | 420.40  | 318.49  | 233.28  | 324.06     | 28.91   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.57    | 0.57    | 0.52    | 0.55       | 4.62    | ppb   |
| Thallium   | 205-1 | 0.58    | 0.62    | 0.59    | 0.60       | 3.59    | ppb   |
| Tin        | 118-1 | 0.61    | 0.67    | 0.63    | 0.64       | 5.44    | ppb   |
| Titanium   | 47-1  | 0.73    | 0.49    | 0.68    | 0.63       | 19.65   | ppb   |
| Uranium    | 238-1 | 0.54    | 0.57    | 0.55    | 0.55       | 2.67    | ppb   |
| Vanadium   | 51-2  | 0.54    | 0.68    | 0.53    | 0.58       | 14.29   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.27    | 1.17    | 1.34    | 1.26       | 6.96    | ppb   |
| Zirconium  | 90-1  | 0.56    | 0.62    | 0.62    | 0.60       | 5.32    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#16       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#16       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:46:00 | DataFile Name :   | 047SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.63    | 0.56    | 0.58    | 0.59       | 5.71    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#17       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#17       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:49:10 | DataFile Name :   | 048SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.22    | 16.23   | 12.47   | 12.64      | 27.76   | ppb   |
| Antimony   | 121-1 | 0.59    | 0.56    | 0.63    | 0.59       | 5.38    | ppb   |
| Arsenic    | 75-2  | 0.61    | 0.65    | 0.66    | 0.64       | 4.28    | ppb   |
| Barium     | 135-1 | 2.91    | 2.94    | 2.95    | 2.93       | 0.70    | ppb   |
| Barium     | 137-1 | 3.01    | 2.97    | 2.94    | 2.98       | 1.23    | ppb   |
| Beryllium  | 9-1   | 0.68    | 0.60    | 0.66    | 0.64       | 6.79    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.05    | -0.03   | 0.46    | 0.16       | 168.03  | ppb   |
| Boron      | 11-1  | 0.61    | 0.56    | 0.64    | 0.60       | 6.21    | ppb   |
| Cadmium    | 111-1 | 0.54    | 0.51    | 0.63    | 0.56       | 10.62   | ppb   |
| Cadmium    | 106-1 | -0.06   | -0.32   | 1.61    | 0.41       | 254.79  | ppb   |
| Cadmium    | 108-1 | 0.71    | 0.51    | 0.52    | 0.58       | 19.39   | ppb   |
| Calcium    | 43-1  | 65.48   | 37.10   | 63.77   | 55.45      | 28.70   | ppb   |
| Calcium    | 44-1  | 53.55   | 54.63   | 52.43   | 53.54      | 2.05    | ppb   |
| Chromium   | 52-2  | 0.61    | 0.68    | 0.56    | 0.62       | 9.56    | ppb   |
| Cobalt     | 59-2  | 0.63    | 0.70    | 0.60    | 0.65       | 7.91    | ppb   |
| Copper     | 63-2  | 1.22    | 1.25    | 1.23    | 1.23       | 1.48    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.82   | 33.06   | 31.47   | 31.78      | 3.61    | ppb   |
| Iron       | 57-2  | 28.75   | 29.91   | 30.76   | 29.80      | 3.39    | ppb   |
| Lead       | 206-1 | 0.56    | 0.55    | 0.58    | 0.56       | 3.20    | ppb   |
| Lead       | 207-1 | 0.61    | 0.55    | 0.64    | 0.60       | 7.30    | ppb   |
| Lead       | 208-1 | 0.59    | 0.55    | 0.60    | 0.58       | 5.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 63.09   | 70.73   | 62.87   | 65.56      | 6.82    | ppb   |
| Manganese  | 55-2  | 1.72    | 1.58    | 1.46    | 1.59       | 8.09    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#17       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#17       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:49:10 | DataFile Name :   | 048SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.61    | 0.52    | 0.56    | 0.56       | 7.95    | ppb   |
| Molybdenum | 95-1  | 0.58    | 0.58    | 0.62    | 0.60       | 3.87    | ppb   |
| Molybdenum | 96-1  | 0.55    | 0.49    | 0.56    | 0.53       | 6.79    | ppb   |
| Molybdenum | 97-1  | 0.50    | 0.53    | 0.54    | 0.52       | 3.15    | ppb   |
| Molybdenum | 98-1  | 0.54    | 0.54    | 0.56    | 0.55       | 2.03    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.66    | 0.80    | 0.62    | 0.69       | 13.64   | ppb   |
| Phosphorus | 31-2  | -0.32   | 0.37    | -0.11   | -0.02      |         | ppb   |
| Potassium  | 39-2  | 35.03   | 61.25   | 32.79   | 43.02      | 36.79   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.97    | 0.00    | 0.00    | 0.99       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.38   | 1.78    | -1.32   | 0.03       | 6309.84 | ppb   |
| Selenium   | 82-1  | 1.84    | 0.96    | 1.59    | 1.47       | 30.96   | ppb   |
| Silicon    | 28-1  | -11.99  | -12.08  | -13.02  | -12.36     |         | ppb   |
| Silver     | 109-1 | 0.63    | 0.60    | 0.69    | 0.64       | 7.20    | ppb   |
| Silver     | 107-1 | 0.63    | 0.59    | 0.59    | 0.60       | 3.40    | ppb   |
| Sodium     | 23-2  | 80.30   | 79.61   | 77.44   | 79.12      | 1.89    | ppb   |
| Strontium  | 86-1  | 0.69    | 0.52    | 0.70    | 0.64       | 15.60   | ppb   |
| Strontium  | 88-1  | 0.62    | 0.60    | 0.61    | 0.61       | 1.30    | ppb   |
| Sulfur     | 34-1  | 403.78  | 495.08  | 270.77  | 389.88     | 28.93   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.55    | 0.58    | 0.58    | 0.57       | 2.61    | ppb   |
| Thallium   | 205-1 | 0.58    | 0.62    | 0.56    | 0.59       | 5.65    | ppb   |
| Tin        | 118-1 | 0.67    | 0.61    | 0.71    | 0.66       | 7.28    | ppb   |
| Titanium   | 47-1  | 0.55    | 0.52    | 0.59    | 0.55       | 6.41    | ppb   |
| Uranium    | 238-1 | 0.52    | 0.51    | 0.55    | 0.53       | 4.53    | ppb   |
| Vanadium   | 51-2  | 0.57    | 0.56    | 0.63    | 0.59       | 6.44    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.45    | 1.51    | 1.47    | 1.48       | 1.85    | ppb   |
| Zirconium  | 90-1  | 0.60    | 0.60    | 0.57    | 0.59       | 2.50    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#17       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#17       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:49:10 | DataFile Name :   | 048SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.58    | 0.54    | 0.55    | 0.56       | 3.67    | ppb   |



|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49449.17  | 48678.93  | 50144.21  | 49424.11   | 1.48    | ppb   |
| Antimony   | 121-1 | 505.10    | 494.46    | 493.87    | 497.81     | 1.27    | ppb   |
| Arsenic    | 75-2  | 480.32    | 487.08    | 484.92    | 484.11     | 0.71    | ppb   |
| Barium     | 135-1 | 2554.65   | 2530.77   | 2515.82   | 2533.75    | 0.77    | ppb   |
| Barium     | 137-1 | 2520.29   | 2500.72   | 2460.12   | 2493.71    | 1.23    | ppb   |
| Beryllium  | 9-1   | 496.07    | 494.58    | 482.45    | 491.03     | 1.52    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 489.79    | 491.13    | 491.27    | 490.73     | 0.17    | ppb   |
| Boron      | 11-1  | 496.64    | 502.89    | 498.68    | 499.40     | 0.64    | ppb   |
| Cadmium    | 111-1 | 482.48    | 481.52    | 473.83    | 479.28     | 0.99    | ppb   |
| Cadmium    | 106-1 | 488.72    | 493.53    | 485.10    | 489.12     | 0.86    | ppb   |
| Cadmium    | 108-1 | 488.96    | 485.11    | 484.42    | 486.16     | 0.50    | ppb   |
| Calcium    | 43-1  | 238020.92 | 233861.79 | 232161.84 | 234681.52  | 1.28    | ppb   |
| Calcium    | 44-1  | 235669.20 | 234806.79 | 232787.78 | 234421.26  | 0.63    | ppb   |
| Chromium   | 52-2  | 502.18    | 496.10    | 505.73    | 501.34     | 0.97    | ppb   |
| Cobalt     | 59-2  | 474.10    | 470.41    | 481.04    | 475.19     | 1.14    | ppb   |
| Copper     | 63-2  | 969.40    | 949.61    | 984.60    | 967.87     | 1.81    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 117834.26 | 116741.66 | 119278.53 | 117951.48  | 1.08    | ppb   |
| Iron       | 57-2  | 122591.48 | 119887.04 | 123593.32 | 122023.95  | 1.57    | ppb   |
| Lead       | 206-1 | 488.30    | 497.12    | 485.67    | 490.36     | 1.22    | ppb   |
| Lead       | 207-1 | 478.20    | 486.46    | 476.47    | 480.38     | 1.11    | ppb   |
| Lead       | 208-1 | 490.25    | 500.03    | 491.00    | 493.76     | 1.10    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 240951.90 | 237195.94 | 244424.57 | 240857.47  | 1.50    | ppb   |
| Manganese  | 55-2  | 991.78    | 971.84    | 995.29    | 986.30     | 1.28    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 493.16    | 497.41    | 489.29    | 493.29     | 0.82    | ppb   |
| Molybdenum | 95-1  | 508.30    | 499.74    | 493.01    | 500.35     | 1.53    | ppb   |
| Molybdenum | 96-1  | 501.75    | 508.08    | 496.00    | 501.94     | 1.20    | ppb   |
| Molybdenum | 97-1  | 476.10    | 480.15    | 471.07    | 475.77     | 0.96    | ppb   |
| Molybdenum | 98-1  | 487.12    | 501.44    | 493.62    | 494.06     | 1.45    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 483.11    | 479.30    | 489.16    | 483.85     | 1.03    | ppb   |
| Phosphorus | 31-2  | 10098.46  | 9277.29   | 10509.77  | 9961.84    | 6.30    | ppb   |
| Potassium  | 39-2  | 122482.03 | 120395.47 | 122849.33 | 121908.94  | 1.09    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 554.48    | 545.24    | 480.27    | 526.67     | 7.68    | ppb   |
| Selenium   | 78-2  | 469.59    | 453.88    | 497.30    | 473.59     | 4.64    | ppb   |
| Selenium   | 82-1  | 486.30    | 480.96    | 474.81    | 480.69     | 1.20    | ppb   |
| Silicon    | 28-1  | 500.96    | 497.40    | 499.75    | 499.37     | 0.36    | ppb   |
| Silver     | 109-1 | 492.21    | 486.72    | 483.84    | 487.59     | 0.87    | ppb   |
| Silver     | 107-1 | 494.25    | 491.43    | 488.38    | 491.35     | 0.60    | ppb   |
| Sodium     | 23-2  | 242182.83 | 241062.19 | 244879.56 | 242708.19  | 0.81    | ppb   |
| Strontium  | 86-1  | 499.25    | 492.78    | 488.65    | 493.56     | 1.08    | ppb   |
| Strontium  | 88-1  | 501.96    | 505.18    | 494.61    | 500.58     | 1.08    | ppb   |
| Sulfur     | 34-1  | 10759.66  | 10267.95  | 10048.49  | 10358.70   | 3.52    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 502.85    | 505.51    | 492.63    | 500.33     | 1.36    | ppb   |
| Thallium   | 205-1 | 502.59    | 504.64    | 494.60    | 500.61     | 1.06    | ppb   |
| Tin        | 118-1 | 501.73    | 497.12    | 496.51    | 498.45     | 0.57    | ppb   |
| Titanium   | 47-1  | 494.44    | 485.25    | 479.75    | 486.48     | 1.53    | ppb   |
| Uranium    | 238-1 | 508.31    | 506.55    | 503.79    | 506.22     | 0.45    | ppb   |
| Vanadium   | 51-2  | 497.91    | 492.13    | 502.67    | 497.57     | 1.06    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 947.31    | 941.78    | 968.43    | 952.51     | 1.48    | ppb   |
| Zirconium  | 90-1  | 496.17    | 491.96    | 483.47    | 490.54     | 1.32    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 480.78  | 481.50  | 475.78  | 479.35     | 0.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.39    | 3.33    | -0.69   | 2.34       | 114.31  | ppb   |
| Antimony   | 121-1 | 0.03    | 0.01    | 0.02    | 0.02       | 38.78   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.05   | -0.03   | -0.03   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.06   | -0.04   | -0.02   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.38    | 2.26    | 0.13    | 0.92       | 126.49  | ppb   |
| Boron      | 11-1  | 1.88    | 1.42    | 1.45    | 1.58       | 16.08   | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.13   | -0.09   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -2.26   | -1.77   | -1.18   | -1.73      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.02    | 0.01       | 211.16  | ppb   |
| Calcium    | 43-1  | -7.94   | 2.82    | -22.00  | -9.04      |         | ppb   |
| Calcium    | 44-1  | -5.05   | 0.92    | -3.22   | -2.45      |         | ppb   |
| Chromium   | 52-2  | -0.06   | 0.00    | 0.05    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 242.61  | ppb   |
| Copper     | 63-2  | 0.10    | 0.02    | 0.03    | 0.05       | 87.00   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.24    | 0.71    | 0.55    | 0.50       | 47.78   | ppb   |
| Iron       | 57-2  | 0.11    | 0.34    | 1.48    | 0.64       | 114.55  | ppb   |
| Lead       | 206-1 | 0.04    | 0.02    | 0.03    | 0.03       | 34.15   | ppb   |
| Lead       | 207-1 | 0.05    | 0.02    | 0.06    | 0.04       | 51.97   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.03    | 0.03       | 37.42   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.69    | -0.14   | 0.48    | 0.34       | 126.77  | ppb   |
| Manganese  | 55-2  | 0.05    | 0.24    | 0.03    | 0.11       | 110.15  | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.00    | 0.00       | 149.10  | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.08   | -0.04   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | 12.12   | -0.16   | -0.10   | 3.95       | 178.90  | ppb   |
| Potassium  | 39-2  | 18.82   | 26.71   | 18.03   | 21.19      | 22.64   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.80   | -1.32   | -1.33   | -1.48      |         | ppb   |
| Selenium   | 82-1  | -0.21   | 0.41    | 0.31    | 0.17       | 194.00  | ppb   |
| Silicon    | 28-1  | -13.53  | -11.79  | -14.58  | -13.30     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 39.03   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 22.37   | ppb   |
| Sodium     | 23-2  | 28.29   | 28.94   | 22.61   | 26.62      | 13.08   | ppb   |
| Strontium  | 86-1  | 0.15    | 0.12    | 0.10    | 0.12       | 23.08   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -168.65 | 48.19   | 143.94  | 7.83       | 2046.66 | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.00    | 0.02    | 0.00    | 0.01       | 84.57   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.00    | 0.01       | 83.65   | ppb   |
| Tin        | 118-1 | 0.03    | 0.05    | 0.04    | 0.04       | 19.22   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.05    | -0.03   | 0.02       | 208.16  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.15    | 0.18    | 0.18    | 0.17       | 10.59   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 45.24   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 75.80   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 6.33    | 14.12   | 8.30    | 9.58       | 42.24   | ppb   |
| Antimony   | 121-1 | 0.62    | 0.64    | 0.63    | 0.63       | 1.65    | ppb   |
| Arsenic    | 75-2  | 0.43    | 0.44    | 0.48    | 0.45       | 6.73    | ppb   |
| Barium     | 135-1 | 2.91    | 2.84    | 3.15    | 2.97       | 5.55    | ppb   |
| Barium     | 137-1 | 3.06    | 2.91    | 3.18    | 3.05       | 4.47    | ppb   |
| Beryllium  | 9-1   | 0.61    | 0.64    | 0.66    | 0.64       | 4.65    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.19    | 1.51    | 1.13    | 1.61       | 33.39   | ppb   |
| Boron      | 11-1  | 1.98    | 2.41    | 1.85    | 2.08       | 14.05   | ppb   |
| Cadmium    | 111-1 | 0.75    | 0.56    | 0.50    | 0.60       | 22.20   | ppb   |
| Cadmium    | 106-1 | 1.31    | 0.00    | -0.35   | 0.32       | 271.92  | ppb   |
| Cadmium    | 108-1 | 0.58    | 0.76    | 1.11    | 0.82       | 32.80   | ppb   |
| Calcium    | 43-1  | 63.71   | 73.75   | 57.06   | 64.84      | 12.96   | ppb   |
| Calcium    | 44-1  | 57.35   | 60.85   | 51.18   | 56.46      | 8.67    | ppb   |
| Chromium   | 52-2  | 0.69    | 0.61    | 0.60    | 0.63       | 7.36    | ppb   |
| Cobalt     | 59-2  | 0.58    | 0.61    | 0.61    | 0.60       | 2.81    | ppb   |
| Copper     | 63-2  | 1.26    | 1.20    | 1.21    | 1.22       | 2.79    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.75   | 30.46   | 30.61   | 30.61      | 0.48    | ppb   |
| Iron       | 57-2  | 34.89   | 25.62   | 25.70   | 28.74      | 18.53   | ppb   |
| Lead       | 206-1 | 0.61    | 0.63    | 0.59    | 0.61       | 2.88    | ppb   |
| Lead       | 207-1 | 0.59    | 0.66    | 0.65    | 0.63       | 5.65    | ppb   |
| Lead       | 208-1 | 0.58    | 0.62    | 0.62    | 0.61       | 3.79    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 63.61   | 63.79   | 63.74   | 63.72      | 0.14    | ppb   |
| Manganese  | 55-2  | 1.31    | 1.33    | 1.41    | 1.35       | 3.83    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.60    | 0.59    | 0.58    | 0.59       | 2.31    | ppb   |
| Molybdenum | 95-1  | 0.57    | 0.59    | 0.56    | 0.57       | 2.48    | ppb   |
| Molybdenum | 96-1  | 0.51    | 0.59    | 0.56    | 0.55       | 7.35    | ppb   |
| Molybdenum | 97-1  | 0.57    | 0.58    | 0.60    | 0.58       | 2.72    | ppb   |
| Molybdenum | 98-1  | 0.52    | 0.57    | 0.54    | 0.54       | 4.64    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.78    | 0.60    | 0.53    | 0.64       | 20.08   | ppb   |
| Phosphorus | 31-2  | 60.23   | 23.43   | 23.83   | 35.83      | 58.98   | ppb   |
| Potassium  | 39-2  | 31.20   | 48.16   | 52.54   | 43.97      | 25.63   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.80   | -0.86   | -1.32   | -1.33      |         | ppb   |
| Selenium   | 82-1  | 0.80    | 0.42    | 0.33    | 0.52       | 49.01   | ppb   |
| Silicon    | 28-1  | -14.33  | -10.28  | -12.48  | -12.36     |         | ppb   |
| Silver     | 109-1 | 0.67    | 0.65    | 0.58    | 0.63       | 7.48    | ppb   |
| Silver     | 107-1 | 0.71    | 0.60    | 0.64    | 0.65       | 8.16    | ppb   |
| Sodium     | 23-2  | 84.38   | 84.22   | 81.21   | 83.27      | 2.15    | ppb   |
| Strontium  | 86-1  | 0.73    | 0.60    | 0.61    | 0.65       | 11.08   | ppb   |
| Strontium  | 88-1  | 0.61    | 0.62    | 0.59    | 0.61       | 2.30    | ppb   |
| Sulfur     | 34-1  | -86.63  | 393.86  | 56.46   | 121.23     | 203.50  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.55    | 0.62    | 0.64    | 0.60       | 7.58    | ppb   |
| Thallium   | 205-1 | 0.61    | 0.63    | 0.62    | 0.62       | 1.56    | ppb   |
| Tin        | 118-1 | 0.62    | 0.63    | 0.69    | 0.64       | 5.75    | ppb   |
| Titanium   | 47-1  | 0.64    | 0.56    | 0.65    | 0.62       | 8.17    | ppb   |
| Uranium    | 238-1 | 0.54    | 0.58    | 0.54    | 0.55       | 4.50    | ppb   |
| Vanadium   | 51-2  | 0.52    | 0.68    | 0.61    | 0.60       | 13.05   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.22    | 1.03    | 0.97    | 1.07       | 11.87   | ppb   |
| Zirconium  | 90-1  | 0.61    | 0.67    | 0.62    | 0.63       | 5.14    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.56    | 0.62    | 0.53    | 0.57       | 7.81    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#19       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#19       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:09:46 | DataFile Name :   | 052SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.17   | 9.30    | 4.31    | 8.59       | 46.28   | ppb   |
| Antimony   | 121-1 | 0.62    | 0.58    | 0.67    | 0.63       | 7.14    | ppb   |
| Arsenic    | 75-2  | 0.49    | 0.71    | 0.43    | 0.54       | 27.22   | ppb   |
| Barium     | 135-1 | 2.81    | 3.14    | 3.04    | 3.00       | 5.55    | ppb   |
| Barium     | 137-1 | 3.02    | 3.07    | 3.10    | 3.06       | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.62    | 0.68    | 0.60    | 0.64       | 6.28    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.84    | 1.64    | 0.60    | 1.36       | 49.17   | ppb   |
| Boron      | 11-1  | 1.25    | 1.23    | 1.35    | 1.28       | 4.94    | ppb   |
| Cadmium    | 111-1 | 0.55    | 0.67    | 0.50    | 0.57       | 15.42   | ppb   |
| Cadmium    | 106-1 | 0.47    | 0.44    | 0.10    | 0.33       | 61.25   | ppb   |
| Cadmium    | 108-1 | 0.64    | 0.68    | 0.74    | 0.69       | 7.72    | ppb   |
| Calcium    | 43-1  | 60.29   | 52.29   | 46.77   | 53.12      | 12.80   | ppb   |
| Calcium    | 44-1  | 56.56   | 51.37   | 54.18   | 54.04      | 4.81    | ppb   |
| Chromium   | 52-2  | 0.59    | 0.62    | 0.50    | 0.57       | 11.20   | ppb   |
| Cobalt     | 59-2  | 0.61    | 0.62    | 0.62    | 0.61       | 0.84    | ppb   |
| Copper     | 63-2  | 1.14    | 1.17    | 1.20    | 1.17       | 2.80    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.85   | 30.89   | 31.36   | 30.70      | 2.51    | ppb   |
| Iron       | 57-2  | 30.28   | 24.88   | 32.89   | 29.35      | 13.91   | ppb   |
| Lead       | 206-1 | 0.58    | 0.57    | 0.56    | 0.57       | 1.89    | ppb   |
| Lead       | 207-1 | 0.53    | 0.58    | 0.60    | 0.57       | 6.81    | ppb   |
| Lead       | 208-1 | 0.55    | 0.56    | 0.59    | 0.57       | 3.36    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 56.97   | 55.52   | 68.70   | 60.40      | 11.96   | ppb   |
| Manganese  | 55-2  | 1.31    | 1.20    | 1.05    | 1.19       | 10.65   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#19       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#19       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:09:46 | DataFile Name :   | 052SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.53    | 0.54    | 0.56    | 0.54       | 2.64    | ppb   |
| Molybdenum | 95-1  | 0.50    | 0.53    | 0.58    | 0.54       | 7.23    | ppb   |
| Molybdenum | 96-1  | 0.59    | 0.60    | 0.58    | 0.59       | 1.46    | ppb   |
| Molybdenum | 97-1  | 0.64    | 0.59    | 0.61    | 0.62       | 4.30    | ppb   |
| Molybdenum | 98-1  | 0.58    | 0.58    | 0.54    | 0.57       | 4.31    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.50    | 0.65    | 0.58    | 0.58       | 12.99   | ppb   |
| Phosphorus | 31-2  | -12.27  | 11.80   | -0.22   | -0.23      |         | ppb   |
| Potassium  | 39-2  | 54.32   | 55.59   | 50.49   | 53.46      | 4.96    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 3.03    | 1.01       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.85   | 0.59    | 0.62    | 0.12       | 719.25  | ppb   |
| Selenium   | 82-1  | 1.33    | 0.02    | 0.90    | 0.75       | 88.62   | ppb   |
| Silicon    | 28-1  | -14.54  | -12.94  | -12.32  | -13.27     |         | ppb   |
| Silver     | 109-1 | 0.62    | 0.60    | 0.62    | 0.61       | 1.30    | ppb   |
| Silver     | 107-1 | 0.66    | 0.63    | 0.58    | 0.62       | 6.35    | ppb   |
| Sodium     | 23-2  | 76.75   | 85.73   | 86.95   | 83.14      | 6.70    | ppb   |
| Strontium  | 86-1  | 0.69    | 0.73    | 0.75    | 0.72       | 4.21    | ppb   |
| Strontium  | 88-1  | 0.60    | 0.60    | 0.60    | 0.60       | 0.43    | ppb   |
| Sulfur     | 34-1  | 58.08   | 172.33  | 189.84  | 140.08     | 51.08   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.58    | 0.62    | 0.57    | 0.59       | 4.25    | ppb   |
| Thallium   | 205-1 | 0.57    | 0.59    | 0.65    | 0.60       | 6.77    | ppb   |
| Tin        | 118-1 | 0.60    | 0.61    | 0.61    | 0.61       | 0.38    | ppb   |
| Titanium   | 47-1  | 0.57    | 0.83    | 0.70    | 0.70       | 18.17   | ppb   |
| Uranium    | 238-1 | 0.56    | 0.54    | 0.56    | 0.55       | 2.39    | ppb   |
| Vanadium   | 51-2  | 0.70    | 0.58    | 0.61    | 0.63       | 10.07   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.19    | 1.07    | 1.10    | 1.12       | 5.98    | ppb   |
| Zirconium  | 90-1  | 0.58    | 0.60    | 0.62    | 0.60       | 3.84    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#19       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#19       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:09:46 | DataFile Name :   | 052SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.52    | 0.62    | 0.55    | 0.56       | 9.31    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.40    | 11.40   | 4.32    | 6.37       | 68.66   | ppb   |
| Antimony   | 121-1 | 0.70    | 0.70    | 0.64    | 0.68       | 5.23    | ppb   |
| Arsenic    | 75-2  | 0.57    | 0.82    | 0.66    | 0.68       | 18.90   | ppb   |
| Barium     | 135-1 | 3.43    | 3.21    | 3.10    | 3.25       | 5.27    | ppb   |
| Barium     | 137-1 | 3.07    | 3.17    | 3.07    | 3.10       | 1.91    | ppb   |
| Beryllium  | 9-1   | 0.54    | 0.56    | 0.67    | 0.59       | 12.41   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.62    | 0.93    | 0.18    | 0.58       | 65.39   | ppb   |
| Boron      | 11-1  | 1.24    | 1.60    | 0.97    | 1.27       | 24.79   | ppb   |
| Cadmium    | 111-1 | 0.62    | 0.61    | 0.59    | 0.61       | 2.52    | ppb   |
| Cadmium    | 106-1 | -0.16   | 0.50    | 0.34    | 0.23       | 149.92  | ppb   |
| Cadmium    | 108-1 | 0.68    | 0.93    | 0.48    | 0.70       | 32.55   | ppb   |
| Calcium    | 43-1  | 43.10   | 42.44   | 43.22   | 42.92      | 0.98    | ppb   |
| Calcium    | 44-1  | 53.26   | 56.22   | 54.66   | 54.72      | 2.71    | ppb   |
| Chromium   | 52-2  | 0.62    | 0.66    | 0.63    | 0.64       | 3.67    | ppb   |
| Cobalt     | 59-2  | 0.66    | 0.64    | 0.60    | 0.63       | 4.75    | ppb   |
| Copper     | 63-2  | 1.24    | 1.26    | 1.19    | 1.23       | 3.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.96   | 31.25   | 30.93   | 31.05      | 0.57    | ppb   |
| Iron       | 57-2  | 35.47   | 26.47   | 29.10   | 30.35      | 15.26   | ppb   |
| Lead       | 206-1 | 0.59    | 0.67    | 0.58    | 0.61       | 7.54    | ppb   |
| Lead       | 207-1 | 0.59    | 0.63    | 0.68    | 0.63       | 6.55    | ppb   |
| Lead       | 208-1 | 0.60    | 0.61    | 0.60    | 0.60       | 0.45    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 58.85   | 64.99   | 59.75   | 61.20      | 5.42    | ppb   |
| Manganese  | 55-2  | 1.46    | 1.38    | 1.39    | 1.41       | 2.91    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.54    | 0.51    | 0.58    | 0.54       | 6.31    | ppb   |
| Molybdenum | 95-1  | 0.54    | 0.52    | 0.58    | 0.54       | 5.87    | ppb   |
| Molybdenum | 96-1  | 0.56    | 0.53    | 0.60    | 0.56       | 5.74    | ppb   |
| Molybdenum | 97-1  | 0.54    | 0.47    | 0.52    | 0.51       | 7.89    | ppb   |
| Molybdenum | 98-1  | 0.57    | 0.54    | 0.58    | 0.56       | 2.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.67    | 0.56    | 0.67    | 0.63       | 10.14   | ppb   |
| Phosphorus | 31-2  | -0.02   | 11.96   | 23.95   | 11.97      | 100.17  | ppb   |
| Potassium  | 39-2  | 45.03   | 37.84   | 30.76   | 37.88      | 18.84   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.01    | 0.00    | 3.02    | 2.01       | 86.60   | ppb   |
| Selenium   | 78-2  | -0.84   | 0.60    | -0.36   | -0.20      |         | ppb   |
| Selenium   | 82-1  | 0.61    | 1.73    | 1.48    | 1.27       | 46.04   | ppb   |
| Silicon    | 28-1  | -12.93  | -11.75  | -11.79  | -12.16     |         | ppb   |
| Silver     | 109-1 | 0.64    | 0.67    | 0.62    | 0.64       | 3.28    | ppb   |
| Silver     | 107-1 | 0.62    | 0.63    | 0.59    | 0.61       | 3.02    | ppb   |
| Sodium     | 23-2  | 81.07   | 74.81   | 86.50   | 80.79      | 7.24    | ppb   |
| Strontium  | 86-1  | 0.65    | 0.65    | 0.71    | 0.67       | 4.95    | ppb   |
| Strontium  | 88-1  | 0.58    | 0.59    | 0.59    | 0.59       | 1.21    | ppb   |
| Sulfur     | 34-1  | -32.04  | 362.34  | 47.53   | 125.94     | 165.59  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.56    | 0.61    | 0.60    | 0.59       | 4.84    | ppb   |
| Thallium   | 205-1 | 0.59    | 0.60    | 0.59    | 0.60       | 1.39    | ppb   |
| Tin        | 118-1 | 0.61    | 0.60    | 0.61    | 0.61       | 0.73    | ppb   |
| Titanium   | 47-1  | 0.70    | 0.76    | 0.64    | 0.70       | 8.46    | ppb   |
| Uranium    | 238-1 | 0.58    | 0.55    | 0.56    | 0.56       | 2.82    | ppb   |
| Vanadium   | 51-2  | 0.52    | 0.62    | 0.60    | 0.58       | 9.64    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.01    | 1.25    | 1.13    | 1.13       | 10.67   | ppb   |
| Zirconium  | 90-1  | 0.59    | 0.58    | 0.60    | 0.59       | 1.97    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.55    | 0.56    | 0.57    | 0.56       | 1.46    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#21       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#21       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:16:07 | DataFile Name :   | 054SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.58   | 9.71    | 16.31   | 12.87      | 25.71   | ppb   |
| Antimony   | 121-1 | 0.60    | 0.61    | 0.61    | 0.61       | 0.99    | ppb   |
| Arsenic    | 75-2  | 0.54    | 0.64    | 0.54    | 0.58       | 10.16   | ppb   |
| Barium     | 135-1 | 3.00    | 3.22    | 3.11    | 3.11       | 3.56    | ppb   |
| Barium     | 137-1 | 2.96    | 2.86    | 3.26    | 3.03       | 6.88    | ppb   |
| Beryllium  | 9-1   | 0.61    | 0.58    | 0.52    | 0.57       | 7.56    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.72    | 0.82    | 0.37    | 0.64       | 36.80   | ppb   |
| Boron      | 11-1  | 0.84    | 0.85    | 0.76    | 0.82       | 5.91    | ppb   |
| Cadmium    | 111-1 | 0.62    | 0.54    | 0.60    | 0.59       | 7.64    | ppb   |
| Cadmium    | 106-1 | -0.04   | -0.56   | -0.41   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | 0.56    | 0.84    | 0.30    | 0.57       | 48.19   | ppb   |
| Calcium    | 43-1  | 51.80   | 49.08   | 46.42   | 49.10      | 5.48    | ppb   |
| Calcium    | 44-1  | 53.47   | 55.67   | 59.45   | 56.20      | 5.38    | ppb   |
| Chromium   | 52-2  | 0.57    | 0.60    | 0.49    | 0.56       | 10.28   | ppb   |
| Cobalt     | 59-2  | 0.56    | 0.64    | 0.60    | 0.60       | 6.46    | ppb   |
| Copper     | 63-2  | 1.23    | 1.31    | 1.26    | 1.27       | 3.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 32.45   | 32.05   | 29.59   | 31.36      | 4.93    | ppb   |
| Iron       | 57-2  | 33.23   | 33.30   | 32.81   | 33.11      | 0.80    | ppb   |
| Lead       | 206-1 | 0.59    | 0.65    | 0.61    | 0.61       | 5.23    | ppb   |
| Lead       | 207-1 | 0.59    | 0.58    | 0.59    | 0.59       | 0.38    | ppb   |
| Lead       | 208-1 | 0.59    | 0.60    | 0.59    | 0.59       | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 60.06   | 61.47   | 62.95   | 61.49      | 2.35    | ppb   |
| Manganese  | 55-2  | 1.26    | 1.26    | 1.44    | 1.32       | 7.62    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#21       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#21       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:16:07 | DataFile Name :   | 054SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.58    | 0.59    | 0.56    | 0.58       | 2.60    | ppb   |
| Molybdenum | 95-1  | 0.58    | 0.57    | 0.53    | 0.56       | 4.23    | ppb   |
| Molybdenum | 96-1  | 0.58    | 0.53    | 0.58    | 0.56       | 5.59    | ppb   |
| Molybdenum | 97-1  | 0.58    | 0.46    | 0.54    | 0.53       | 11.61   | ppb   |
| Molybdenum | 98-1  | 0.53    | 0.49    | 0.60    | 0.54       | 9.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.56    | 0.73    | 0.47    | 0.58       | 22.35   | ppb   |
| Phosphorus | 31-2  | 73.51   | 12.63   | 23.83   | 36.66      | 88.39   | ppb   |
| Potassium  | 39-2  | 28.11   | 38.87   | 33.85   | 33.61      | 16.02   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 0.00    | 0.00    | 1.00       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.37   | 0.19    | 0.59    | 0.14       | 351.20  | ppb   |
| Selenium   | 82-1  | 1.37    | 1.98    | 0.89    | 1.41       | 38.47   | ppb   |
| Silicon    | 28-1  | -11.25  | -12.12  | -12.80  | -12.06     |         | ppb   |
| Silver     | 109-1 | 0.59    | 0.63    | 0.63    | 0.62       | 3.98    | ppb   |
| Silver     | 107-1 | 0.62    | 0.64    | 0.62    | 0.63       | 1.88    | ppb   |
| Sodium     | 23-2  | 84.12   | 85.40   | 78.83   | 82.78      | 4.21    | ppb   |
| Strontium  | 86-1  | 0.68    | 0.67    | 0.66    | 0.67       | 1.22    | ppb   |
| Strontium  | 88-1  | 0.62    | 0.62    | 0.56    | 0.60       | 5.74    | ppb   |
| Sulfur     | 34-1  | -75.33  | 11.44   | -11.35  | -25.08     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.60    | 0.56    | 0.59    | 0.58       | 4.27    | ppb   |
| Thallium   | 205-1 | 0.60    | 0.59    | 0.59    | 0.59       | 0.72    | ppb   |
| Tin        | 118-1 | 0.59    | 0.61    | 0.64    | 0.61       | 4.36    | ppb   |
| Titanium   | 47-1  | 0.61    | 0.70    | 0.65    | 0.65       | 6.81    | ppb   |
| Uranium    | 238-1 | 0.58    | 0.56    | 0.60    | 0.58       | 3.62    | ppb   |
| Vanadium   | 51-2  | 0.59    | 0.48    | 0.66    | 0.57       | 15.56   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.30    | 1.11    | 1.35    | 1.26       | 10.04   | ppb   |
| Zirconium  | 90-1  | 0.60    | 0.63    | 0.62    | 0.61       | 2.41    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#21       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#21       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:16:07 | DataFile Name :   | 054SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.64    | 0.66    | 0.60    | 0.63       | 5.26    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | 6020 LCSW           | Instrumnet Name : | P8                |
| Client Sample ID :      | 6020 LCSW           | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:19:18 | DataFile Name :   | 055CCV_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9508.71  | 9387.88  | 9456.34  | 9450.97    | 0.64    | ppb   |
| Antimony   | 121-1 | 529.34   | 502.78   | 496.23   | 509.45     | 3.44    | ppb   |
| Arsenic    | 75-2  | 488.06   | 488.32   | 486.12   | 487.50     | 0.25    | ppb   |
| Barium     | 135-1 | 2636.55  | 2530.04  | 2488.41  | 2551.67    | 2.99    | ppb   |
| Barium     | 137-1 | 2638.60  | 2499.84  | 2435.57  | 2524.67    | 4.11    | ppb   |
| Beryllium  | 9-1   | 512.02   | 490.61   | 480.82   | 494.48     | 3.23    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 491.15   | 481.37   | 476.84   | 483.12     | 1.51    | ppb   |
| Boron      | 11-1  | 499.54   | 488.54   | 477.61   | 488.56     | 2.25    | ppb   |
| Cadmium    | 111-1 | 512.77   | 494.51   | 487.81   | 498.36     | 2.59    | ppb   |
| Cadmium    | 106-1 | 521.88   | 498.26   | 497.28   | 505.80     | 2.75    | ppb   |
| Cadmium    | 108-1 | 515.09   | 493.27   | 490.66   | 499.67     | 2.68    | ppb   |
| Calcium    | 43-1  | 49139.04 | 46617.30 | 46559.12 | 47438.48   | 3.11    | ppb   |
| Calcium    | 44-1  | 49033.64 | 47181.55 | 46822.81 | 47679.34   | 2.49    | ppb   |
| Chromium   | 52-2  | 482.17   | 482.69   | 482.48   | 482.45     | 0.05    | ppb   |
| Cobalt     | 59-2  | 479.75   | 474.82   | 476.67   | 477.08     | 0.52    | ppb   |
| Copper     | 63-2  | 972.62   | 965.11   | 971.55   | 969.76     | 0.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 24408.66 | 24124.89 | 24268.79 | 24267.44   | 0.58    | ppb   |
| Iron       | 57-2  | 24317.46 | 24253.70 | 24298.67 | 24289.94   | 0.13    | ppb   |
| Lead       | 206-1 | 491.03   | 473.29   | 489.44   | 484.58     | 2.03    | ppb   |
| Lead       | 207-1 | 489.09   | 473.58   | 477.62   | 480.10     | 1.68    | ppb   |
| Lead       | 208-1 | 501.71   | 480.93   | 491.11   | 491.25     | 2.12    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 48345.75 | 48305.47 | 49535.22 | 48728.81   | 1.43    | ppb   |
| Manganese  | 55-2  | 978.99   | 980.58   | 977.80   | 979.12     | 0.14    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | 6020 LCSW           | Instrumnet Name : | P8                |
| Client Sample ID :      | 6020 LCSW           | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:19:18 | DataFile Name :   | 055CCV_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 509.98   | 488.52   | 491.43   | 496.64     | 2.34    | ppb   |
| Molybdenum | 95-1  | 515.36   | 486.35   | 485.67   | 495.79     | 3.42    | ppb   |
| Molybdenum | 96-1  | 510.60   | 489.72   | 487.86   | 496.06     | 2.54    | ppb   |
| Molybdenum | 97-1  | 497.55   | 471.07   | 466.70   | 478.44     | 3.49    | ppb   |
| Molybdenum | 98-1  | 512.79   | 489.16   | 480.87   | 494.27     | 3.35    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 483.55   | 483.85   | 481.87   | 483.09     | 0.22    | ppb   |
| Phosphorus | 31-2  | 9651.16  | 9312.41  | 9635.44  | 9533.01    | 2.01    | ppb   |
| Potassium  | 39-2  | 23948.85 | 23936.50 | 24033.39 | 23972.91   | 0.22    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 506.30   | 559.98   | 526.89   | 531.06     | 5.10    | ppb   |
| Selenium   | 78-2  | 474.64   | 487.05   | 477.01   | 479.56     | 1.37    | ppb   |
| Selenium   | 82-1  | 511.93   | 485.61   | 481.03   | 492.86     | 3.38    | ppb   |
| Silicon    | 28-1  | 537.04   | 521.83   | 522.95   | 527.27     | 1.61    | ppb   |
| Silver     | 109-1 | 532.63   | 510.05   | 500.52   | 514.40     | 3.21    | ppb   |
| Silver     | 107-1 | 530.46   | 508.60   | 504.25   | 514.44     | 2.73    | ppb   |
| Sodium     | 23-2  | 48287.08 | 48434.99 | 48496.47 | 48406.18   | 0.22    | ppb   |
| Strontium  | 86-1  | 506.31   | 482.01   | 479.21   | 489.17     | 3.05    | ppb   |
| Strontium  | 88-1  | 516.04   | 485.87   | 482.19   | 494.70     | 3.75    | ppb   |
| Sulfur     | 34-1  | 10828.30 | 9983.05  | 9777.72  | 10196.36   | 5.46    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 506.52   | 486.36   | 496.66   | 496.51     | 2.03    | ppb   |
| Thallium   | 205-1 | 504.12   | 480.98   | 494.65   | 493.25     | 2.36    | ppb   |
| Tin        | 118-1 | 530.18   | 501.86   | 504.47   | 512.17     | 3.06    | ppb   |
| Titanium   | 47-1  | 504.49   | 481.07   | 483.49   | 489.68     | 2.63    | ppb   |
| Uranium    | 238-1 | 498.36   | 472.37   | 487.28   | 486.00     | 2.68    | ppb   |
| Vanadium   | 51-2  | 483.57   | 486.74   | 486.16   | 485.49     | 0.35    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 952.82   | 948.60   | 965.65   | 955.69     | 0.93    | ppb   |
| Zirconium  | 90-1  | 514.45   | 487.96   | 490.91   | 497.77     | 2.92    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | 6020 LCSW           | Instrumnet Name : | P8                |
| Client Sample ID :      | 6020 LCSW           | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:19:18 | DataFile Name :   | 055CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 498.35  | 478.99  | 479.16  | 485.50     | 2.29    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49055.43  | 48416.72  | 49263.33  | 48911.83   | 0.90    | ppb   |
| Antimony   | 121-1 | 493.33    | 498.59    | 504.50    | 498.81     | 1.12    | ppb   |
| Arsenic    | 75-2  | 484.47    | 483.53    | 482.37    | 483.46     | 0.22    | ppb   |
| Barium     | 135-1 | 2535.98   | 2518.24   | 2521.29   | 2525.17    | 0.38    | ppb   |
| Barium     | 137-1 | 2512.97   | 2499.79   | 2510.75   | 2507.84    | 0.28    | ppb   |
| Beryllium  | 9-1   | 499.07    | 491.06    | 488.44    | 492.86     | 1.12    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 501.61    | 511.72    | 503.39    | 505.58     | 1.07    | ppb   |
| Boron      | 11-1  | 504.10    | 503.69    | 498.75    | 502.18     | 0.59    | ppb   |
| Cadmium    | 111-1 | 481.70    | 483.63    | 484.41    | 483.24     | 0.29    | ppb   |
| Cadmium    | 106-1 | 489.09    | 500.11    | 490.09    | 493.10     | 1.24    | ppb   |
| Cadmium    | 108-1 | 486.54    | 481.22    | 485.45    | 484.40     | 0.58    | ppb   |
| Calcium    | 43-1  | 233781.82 | 233945.13 | 232454.22 | 233393.72  | 0.35    | ppb   |
| Calcium    | 44-1  | 232432.28 | 233578.61 | 234029.73 | 233346.87  | 0.35    | ppb   |
| Chromium   | 52-2  | 495.24    | 493.73    | 494.50    | 494.49     | 0.15    | ppb   |
| Cobalt     | 59-2  | 462.75    | 467.48    | 465.25    | 465.16     | 0.51    | ppb   |
| Copper     | 63-2  | 943.81    | 938.38    | 943.49    | 941.90     | 0.32    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 116116.52 | 116469.24 | 116033.15 | 116206.30  | 0.20    | ppb   |
| Iron       | 57-2  | 118365.18 | 118016.18 | 119001.57 | 118460.98  | 0.42    | ppb   |
| Lead       | 206-1 | 492.07    | 481.99    | 493.75    | 489.27     | 1.30    | ppb   |
| Lead       | 207-1 | 476.11    | 478.40    | 484.13    | 479.55     | 0.86    | ppb   |
| Lead       | 208-1 | 493.44    | 488.83    | 495.14    | 492.47     | 0.66    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 236582.52 | 237643.84 | 238726.19 | 237650.85  | 0.45    | ppb   |
| Manganese  | 55-2  | 965.82    | 982.64    | 979.77    | 976.08     | 0.92    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 493.62    | 489.52    | 492.00    | 491.71     | 0.42    | ppb   |
| Molybdenum | 95-1  | 498.38    | 489.02    | 497.95    | 495.11     | 1.07    | ppb   |
| Molybdenum | 96-1  | 492.80    | 500.30    | 497.63    | 496.91     | 0.76    | ppb   |
| Molybdenum | 97-1  | 476.25    | 472.82    | 474.85    | 474.64     | 0.36    | ppb   |
| Molybdenum | 98-1  | 492.23    | 486.82    | 499.65    | 492.90     | 1.31    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 475.42    | 477.48    | 476.89    | 476.60     | 0.22    | ppb   |
| Phosphorus | 31-2  | 9402.61   | 9678.75   | 10121.59  | 9734.32    | 3.73    | ppb   |
| Potassium  | 39-2  | 120628.40 | 120674.72 | 122054.62 | 121119.25  | 0.67    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 471.42    | 510.65    | 472.47    | 484.85     | 4.61    | ppb   |
| Selenium   | 78-2  | 477.09    | 484.53    | 450.87    | 470.83     | 3.76    | ppb   |
| Selenium   | 82-1  | 483.10    | 479.56    | 483.82    | 482.16     | 0.47    | ppb   |
| Silicon    | 28-1  | 494.06    | 491.94    | 494.06    | 493.35     | 0.25    | ppb   |
| Silver     | 109-1 | 494.09    | 495.81    | 498.55    | 496.15     | 0.45    | ppb   |
| Silver     | 107-1 | 493.49    | 498.41    | 503.42    | 498.44     | 1.00    | ppb   |
| Sodium     | 23-2  | 237954.57 | 239735.72 | 238210.22 | 238633.50  | 0.40    | ppb   |
| Strontium  | 86-1  | 491.03    | 490.50    | 491.15    | 490.89     | 0.07    | ppb   |
| Strontium  | 88-1  | 501.91    | 498.93    | 501.01    | 500.62     | 0.31    | ppb   |
| Sulfur     | 34-1  | 9880.36   | 9756.69   | 9926.20   | 9854.42    | 0.89    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 496.02    | 500.18    | 504.00    | 500.07     | 0.80    | ppb   |
| Thallium   | 205-1 | 494.81    | 499.74    | 503.31    | 499.29     | 0.85    | ppb   |
| Tin        | 118-1 | 499.02    | 503.03    | 502.57    | 501.54     | 0.44    | ppb   |
| Titanium   | 47-1  | 484.10    | 481.34    | 486.26    | 483.90     | 0.51    | ppb   |
| Uranium    | 238-1 | 494.79    | 494.04    | 503.36    | 497.40     | 1.04    | ppb   |
| Vanadium   | 51-2  | 488.91    | 489.23    | 487.57    | 488.57     | 0.18    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 932.32    | 936.69    | 937.86    | 935.62     | 0.31    | ppb   |
| Zirconium  | 90-1  | 488.55    | 486.29    | 489.57    | 488.14     | 0.34    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 478.61  | 479.11  | 476.48  | 478.07     | 0.29    | ppb   |



LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB10 Instrumnet Name : P8  
 Client Sample ID : CCB10 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:31:57 DataFile Name : 057CCBE\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.28    | 2.23    | 0.31    | 0.94       | 118.98  | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 14.35   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.03   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.04   | -0.01   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.99    | 4.21    | 5.77    | 5.32       | 18.26   | ppb   |
| Boron      | 11-1  | 6.12    | 5.99    | 5.07    | 5.73       | 9.98    | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.09   | -0.12   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.91   | -1.26   | -1.68   | -1.29      |         | ppb   |
| Cadmium    | 108-1 | 0.13    | -0.02   | 0.06    | 0.06       | 126.43  | ppb   |
| Calcium    | 43-1  | -0.34   | -16.31  | -19.33  | -11.99     |         | ppb   |
| Calcium    | 44-1  | -3.13   | -1.37   | 0.92    | -1.19      |         | ppb   |
| Chromium   | 52-2  | -0.17   | 0.02    | -0.11   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.61    | 0.79    | 0.30    | 0.57       | 43.57   | ppb   |
| Iron       | 57-2  | -1.08   | 0.49    | 0.35    | -0.08      |         | ppb   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.01    | ppb   |
| Lead       | 207-1 | 0.09    | 0.06    | 0.10    | 0.08       | 21.35   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.07    | 0.06       | 3.87    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.83    | 1.19    | 0.67    | 1.23       | 47.23   | ppb   |
| Manganese  | 55-2  | 0.04    | 0.01    | 0.10    | 0.05       | 87.15   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:31:57 | DataFile Name :   | 057CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.00    | 0.02       | 80.77   | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.04   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 11.72   | -0.39   | -12.27  | -0.31      |         | ppb   |
| Potassium  | 39-2  | 29.22   | 17.08   | 26.61   | 24.30      | 26.29   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.39   | -1.33   | -1.34   | -1.02      |         | ppb   |
| Selenium   | 82-1  | 1.01    | 0.32    | -0.51   | 0.27       | 278.66  | ppb   |
| Silicon    | 28-1  | -15.69  | -16.55  | -16.39  | -16.21     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.18   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 26.78   | ppb   |
| Sodium     | 23-2  | 42.93   | 44.12   | 41.84   | 42.96      | 2.66    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.12    | 0.05    | 0.07       | 70.46   | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -226.73 | -99.71  | 33.14   | -97.77     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.04    | 0.04       | 0.56    | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 6.86    | ppb   |
| Tin        | 118-1 | 0.05    | 0.05    | 0.07    | 0.06       | 16.58   | ppb   |
| Titanium   | 47-1  | -0.07   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.09    | 0.09    | -0.07   | 0.04       | 235.55  | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.04    | 0.03       | 18.64   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:31:57 | DataFile Name :   | 057CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.01    | 0.01    | 0.03       | 97.67   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#8        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#8        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:35:06 | DataFile Name :   | 058SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 77.36   | 83.80   | 85.04   | 82.06      | 5.03    | ppb   |
| Antimony   | 121-1 | 4.60    | 4.61    | 4.79    | 4.67       | 2.27    | ppb   |
| Arsenic    | 75-2  | 4.51    | 4.75    | 4.73    | 4.66       | 2.89    | ppb   |
| Barium     | 135-1 | 23.20   | 23.24   | 23.07   | 23.17      | 0.40    | ppb   |
| Barium     | 137-1 | 23.49   | 23.60   | 23.31   | 23.47      | 0.64    | ppb   |
| Beryllium  | 9-1   | 4.67    | 4.53    | 4.60    | 4.60       | 1.52    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.65    | 8.36    | 7.27    | 7.76       | 7.11    | ppb   |
| Boron      | 11-1  | 8.51    | 7.88    | 8.21    | 8.20       | 3.86    | ppb   |
| Cadmium    | 111-1 | 4.84    | 4.68    | 4.75    | 4.76       | 1.69    | ppb   |
| Cadmium    | 106-1 | 3.41    | 4.45    | 4.88    | 4.25       | 17.82   | ppb   |
| Cadmium    | 108-1 | 4.20    | 4.10    | 4.80    | 4.37       | 8.71    | ppb   |
| Calcium    | 43-1  | 471.54  | 439.16  | 428.21  | 446.31     | 5.05    | ppb   |
| Calcium    | 44-1  | 453.34  | 437.85  | 434.30  | 441.83     | 2.29    | ppb   |
| Chromium   | 52-2  | 4.34    | 4.55    | 4.61    | 4.50       | 3.16    | ppb   |
| Cobalt     | 59-2  | 4.40    | 4.63    | 4.68    | 4.57       | 3.29    | ppb   |
| Copper     | 63-2  | 9.03    | 9.14    | 9.38    | 9.19       | 1.97    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 225.95  | 225.80  | 230.25  | 227.33     | 1.11    | ppb   |
| Iron       | 57-2  | 233.81  | 232.23  | 230.19  | 232.08     | 0.78    | ppb   |
| Lead       | 206-1 | 4.56    | 4.31    | 4.29    | 4.39       | 3.39    | ppb   |
| Lead       | 207-1 | 4.69    | 4.47    | 4.35    | 4.50       | 3.86    | ppb   |
| Lead       | 208-1 | 4.56    | 4.44    | 4.33    | 4.44       | 2.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 447.77  | 464.80  | 456.54  | 456.37     | 1.87    | ppb   |
| Manganese  | 55-2  | 9.37    | 9.31    | 9.93    | 9.54       | 3.57    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#8        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#8        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:35:06 | DataFile Name :   | 058SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.52    | 4.28    | 4.40    | 4.40       | 2.73    | ppb   |
| Molybdenum | 95-1  | 4.46    | 4.10    | 4.34    | 4.30       | 4.23    | ppb   |
| Molybdenum | 96-1  | 4.34    | 4.37    | 4.28    | 4.33       | 1.08    | ppb   |
| Molybdenum | 97-1  | 4.19    | 4.36    | 4.23    | 4.26       | 2.06    | ppb   |
| Molybdenum | 98-1  | 4.32    | 4.33    | 4.36    | 4.34       | 0.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.72    | 4.58    | 4.76    | 4.68       | 2.04    | ppb   |
| Phosphorus | 31-2  | 69.88   | 35.53   | 119.56  | 74.99      | 56.34   | ppb   |
| Potassium  | 39-2  | 252.43  | 254.00  | 222.76  | 243.06     | 7.24    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.93    | 0.00    | 2.98    | 1.97       | 86.61   | ppb   |
| Selenium   | 78-2  | 7.06    | 6.80    | 4.86    | 6.24       | 19.32   | ppb   |
| Selenium   | 82-1  | 5.16    | 3.66    | 4.74    | 4.52       | 17.14   | ppb   |
| Silicon    | 28-1  | -8.22   | -10.18  | -10.37  | -9.59      |         | ppb   |
| Silver     | 109-1 | 4.89    | 4.76    | 4.73    | 4.79       | 1.85    | ppb   |
| Silver     | 107-1 | 4.89    | 4.68    | 4.85    | 4.81       | 2.28    | ppb   |
| Sodium     | 23-2  | 491.01  | 497.76  | 476.73  | 488.50     | 2.20    | ppb   |
| Strontium  | 86-1  | 4.95    | 4.70    | 4.41    | 4.69       | 5.71    | ppb   |
| Strontium  | 88-1  | 4.60    | 4.45    | 4.58    | 4.54       | 1.77    | ppb   |
| Sulfur     | 34-1  | 287.21  | -26.34  | 153.38  | 138.08     | 113.94  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.53    | 4.35    | 4.39    | 4.43       | 2.11    | ppb   |
| Thallium   | 205-1 | 4.62    | 4.30    | 4.34    | 4.42       | 3.87    | ppb   |
| Tin        | 118-1 | 4.77    | 4.70    | 4.76    | 4.75       | 0.75    | ppb   |
| Titanium   | 47-1  | 4.69    | 4.12    | 4.99    | 4.60       | 9.65    | ppb   |
| Uranium    | 238-1 | 4.43    | 4.14    | 4.16    | 4.24       | 3.79    | ppb   |
| Vanadium   | 51-2  | 4.68    | 4.68    | 4.54    | 4.63       | 1.67    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.55    | 9.47    | 9.95    | 9.66       | 2.70    | ppb   |
| Zirconium  | 90-1  | 4.55    | 4.44    | 4.42    | 4.47       | 1.54    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#8        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#8        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:35:06 | DataFile Name :   | 058SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.21    | 4.19    | 4.34    | 4.25       | 1.80    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#9        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#9        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:38:17 | DataFile Name :   | 059SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 110.28  | 80.96   | 88.07   | 93.10      | 16.43   | ppb   |
| Antimony   | 121-1 | 4.62    | 4.71    | 4.63    | 4.65       | 1.05    | ppb   |
| Arsenic    | 75-2  | 4.33    | 4.18    | 4.75    | 4.42       | 6.69    | ppb   |
| Barium     | 135-1 | 22.17   | 22.97   | 21.81   | 22.32      | 2.65    | ppb   |
| Barium     | 137-1 | 22.81   | 22.76   | 22.94   | 22.84      | 0.41    | ppb   |
| Beryllium  | 9-1   | 4.32    | 4.39    | 4.59    | 4.44       | 3.20    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.42    | 7.05    | 6.50    | 6.65       | 5.15    | ppb   |
| Boron      | 11-1  | 6.76    | 7.34    | 7.42    | 7.17       | 5.06    | ppb   |
| Cadmium    | 111-1 | 4.67    | 4.46    | 4.52    | 4.55       | 2.45    | ppb   |
| Cadmium    | 106-1 | 3.78    | 3.04    | 3.77    | 3.53       | 12.16   | ppb   |
| Cadmium    | 108-1 | 3.99    | 4.77    | 4.93    | 4.56       | 10.97   | ppb   |
| Calcium    | 43-1  | 431.86  | 420.13  | 420.02  | 424.00     | 1.60    | ppb   |
| Calcium    | 44-1  | 432.71  | 435.07  | 431.96  | 433.25     | 0.37    | ppb   |
| Chromium   | 52-2  | 4.66    | 4.37    | 4.95    | 4.66       | 6.16    | ppb   |
| Cobalt     | 59-2  | 4.61    | 4.66    | 4.91    | 4.73       | 3.44    | ppb   |
| Copper     | 63-2  | 9.19    | 9.04    | 9.79    | 9.34       | 4.23    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 232.69  | 228.75  | 244.59  | 235.34     | 3.51    | ppb   |
| Iron       | 57-2  | 240.94  | 235.91  | 239.40  | 238.75     | 1.08    | ppb   |
| Lead       | 206-1 | 4.38    | 4.41    | 4.41    | 4.40       | 0.40    | ppb   |
| Lead       | 207-1 | 4.37    | 4.44    | 4.30    | 4.37       | 1.62    | ppb   |
| Lead       | 208-1 | 4.39    | 4.41    | 4.43    | 4.41       | 0.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 474.65  | 456.44  | 524.24  | 485.11     | 7.23    | ppb   |
| Manganese  | 55-2  | 9.72    | 9.57    | 9.43    | 9.57       | 1.51    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#9        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#9        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:38:17 | DataFile Name :   | 059SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.40    | 4.42    | 4.40    | 4.41       | 0.27    | ppb   |
| Molybdenum | 95-1  | 4.37    | 4.33    | 4.51    | 4.40       | 2.21    | ppb   |
| Molybdenum | 96-1  | 4.48    | 4.48    | 4.34    | 4.43       | 1.75    | ppb   |
| Molybdenum | 97-1  | 4.32    | 4.48    | 4.18    | 4.33       | 3.51    | ppb   |
| Molybdenum | 98-1  | 4.29    | 4.43    | 4.32    | 4.34       | 1.68    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.81    | 5.10    | 4.83    | 4.91       | 3.32    | ppb   |
| Phosphorus | 31-2  | 157.48  | 83.50   | 76.54   | 105.84     | 42.38   | ppb   |
| Potassium  | 39-2  | 241.65  | 254.10  | 290.47  | 262.07     | 9.68    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 0.00    | 6.25    | 3.08       | 101.53  | ppb   |
| Selenium   | 78-2  | 3.43    | 2.98    | 4.66    | 3.69       | 23.54   | ppb   |
| Selenium   | 82-1  | 4.82    | 5.34    | 5.09    | 5.08       | 5.13    | ppb   |
| Silicon    | 28-1  | -10.38  | -9.44   | -10.46  | -10.09     |         | ppb   |
| Silver     | 109-1 | 4.66    | 4.68    | 4.67    | 4.67       | 0.21    | ppb   |
| Silver     | 107-1 | 4.58    | 4.80    | 4.66    | 4.68       | 2.41    | ppb   |
| Sodium     | 23-2  | 493.08  | 485.35  | 521.08  | 499.83     | 3.76    | ppb   |
| Strontium  | 86-1  | 4.41    | 4.48    | 4.26    | 4.38       | 2.61    | ppb   |
| Strontium  | 88-1  | 4.42    | 4.48    | 4.45    | 4.45       | 0.65    | ppb   |
| Sulfur     | 34-1  | 0.54    | 50.19   | -73.21  | -7.49      |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.28    | 4.35    | 4.60    | 4.41       | 3.85    | ppb   |
| Thallium   | 205-1 | 4.32    | 4.37    | 4.47    | 4.39       | 1.69    | ppb   |
| Tin        | 118-1 | 4.55    | 4.52    | 4.73    | 4.60       | 2.50    | ppb   |
| Titanium   | 47-1  | 4.67    | 3.97    | 4.65    | 4.43       | 9.04    | ppb   |
| Uranium    | 238-1 | 4.22    | 4.23    | 4.23    | 4.22       | 0.10    | ppb   |
| Vanadium   | 51-2  | 4.58    | 4.67    | 4.62    | 4.62       | 1.01    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 10.24   | 10.13   | 10.67   | 10.35      | 2.77    | ppb   |
| Zirconium  | 90-1  | 4.53    | 4.48    | 4.46    | 4.49       | 0.75    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#9        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#9        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:38:17 | DataFile Name :   | 059SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.54    | 4.54    | 4.31    | 4.46       | 2.98    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#10       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#10       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:41:27 | DataFile Name :   | 060SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 75.80   | 85.65   | 84.57   | 82.01      | 6.59    | ppb   |
| Antimony   | 121-1 | 4.65    | 4.89    | 4.79    | 4.78       | 2.51    | ppb   |
| Arsenic    | 75-2  | 4.57    | 4.41    | 4.84    | 4.61       | 4.68    | ppb   |
| Barium     | 135-1 | 22.80   | 25.17   | 22.86   | 23.61      | 5.72    | ppb   |
| Barium     | 137-1 | 22.67   | 24.70   | 23.08   | 23.48      | 4.57    | ppb   |
| Beryllium  | 9-1   | 4.60    | 5.06    | 4.89    | 4.85       | 4.88    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.82    | 6.38    | 6.30    | 6.16       | 4.96    | ppb   |
| Boron      | 11-1  | 6.65    | 6.58    | 6.28    | 6.51       | 3.00    | ppb   |
| Cadmium    | 111-1 | 4.47    | 5.10    | 4.41    | 4.66       | 8.17    | ppb   |
| Cadmium    | 106-1 | 3.26    | 4.95    | 1.95    | 3.39       | 44.33   | ppb   |
| Cadmium    | 108-1 | 4.08    | 4.91    | 4.64    | 4.54       | 9.33    | ppb   |
| Calcium    | 43-1  | 437.54  | 430.97  | 427.08  | 431.86     | 1.22    | ppb   |
| Calcium    | 44-1  | 432.55  | 471.61  | 446.15  | 450.10     | 4.40    | ppb   |
| Chromium   | 52-2  | 4.59    | 4.78    | 4.57    | 4.65       | 2.45    | ppb   |
| Cobalt     | 59-2  | 4.49    | 4.49    | 4.50    | 4.49       | 0.18    | ppb   |
| Copper     | 63-2  | 8.81    | 9.10    | 9.24    | 9.05       | 2.45    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 224.64  | 228.99  | 226.64  | 226.76     | 0.96    | ppb   |
| Iron       | 57-2  | 229.93  | 234.31  | 242.73  | 235.66     | 2.76    | ppb   |
| Lead       | 206-1 | 4.48    | 4.51    | 4.54    | 4.51       | 0.61    | ppb   |
| Lead       | 207-1 | 4.30    | 4.64    | 4.30    | 4.42       | 4.44    | ppb   |
| Lead       | 208-1 | 4.40    | 4.61    | 4.48    | 4.50       | 2.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 448.27  | 474.83  | 462.03  | 461.71     | 2.88    | ppb   |
| Manganese  | 55-2  | 9.98    | 9.09    | 9.56    | 9.54       | 4.66    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#10       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#10       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:41:27 | DataFile Name :   | 060SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.32    | 4.70    | 4.27    | 4.43       | 5.30    | ppb   |
| Molybdenum | 95-1  | 4.28    | 4.67    | 4.21    | 4.39       | 5.65    | ppb   |
| Molybdenum | 96-1  | 4.40    | 4.75    | 4.28    | 4.48       | 5.41    | ppb   |
| Molybdenum | 97-1  | 4.42    | 5.09    | 4.38    | 4.63       | 8.69    | ppb   |
| Molybdenum | 98-1  | 4.21    | 4.73    | 4.18    | 4.38       | 7.12    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.86    | 4.47    | 4.80    | 4.71       | 4.42    | ppb   |
| Phosphorus | 31-2  | 105.68  | 130.93  | 95.01   | 110.54     | 16.69   | ppb   |
| Potassium  | 39-2  | 232.80  | 247.92  | 255.73  | 245.48     | 4.75    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 9.07    | 14.91   | 7.99       | 93.99   | ppb   |
| Selenium   | 78-2  | 6.67    | 4.94    | 2.94    | 4.85       | 38.44   | ppb   |
| Selenium   | 82-1  | 4.84    | 4.81    | 5.78    | 5.14       | 10.79   | ppb   |
| Silicon    | 28-1  | -11.81  | -3.78   | -11.13  | -8.91      |         | ppb   |
| Silver     | 109-1 | 4.58    | 4.92    | 4.72    | 4.74       | 3.60    | ppb   |
| Silver     | 107-1 | 4.76    | 4.98    | 4.93    | 4.89       | 2.43    | ppb   |
| Sodium     | 23-2  | 470.90  | 479.87  | 475.96  | 475.58     | 0.95    | ppb   |
| Strontium  | 86-1  | 4.55    | 5.16    | 4.37    | 4.69       | 8.87    | ppb   |
| Strontium  | 88-1  | 4.60    | 4.78    | 4.41    | 4.60       | 3.94    | ppb   |
| Sulfur     | 34-1  | -185.82 | 764.25  | -41.19  | 179.08     | 285.85  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.51    | 4.81    | 4.56    | 4.63       | 3.51    | ppb   |
| Thallium   | 205-1 | 4.41    | 4.73    | 4.44    | 4.53       | 3.89    | ppb   |
| Tin        | 118-1 | 4.50    | 4.73    | 4.60    | 4.61       | 2.50    | ppb   |
| Titanium   | 47-1  | 4.26    | 4.79    | 4.55    | 4.53       | 5.88    | ppb   |
| Uranium    | 238-1 | 4.18    | 4.41    | 4.26    | 4.28       | 2.73    | ppb   |
| Vanadium   | 51-2  | 4.45    | 4.46    | 4.58    | 4.50       | 1.66    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.79    | 10.16   | 9.44    | 9.80       | 3.68    | ppb   |
| Zirconium  | 90-1  | 4.56    | 4.78    | 4.45    | 4.60       | 3.62    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#10       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#10       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:41:27 | DataFile Name :   | 060SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.19    | 4.64    | 4.23    | 4.35       | 5.76    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#11 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#11 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:44:38 DataFile Name : 061SMPL\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 89.94   | 86.79   | 103.49  | 93.40      | 9.50    | ppb   |
| Antimony   | 121-1 | 4.54    | 4.73    | 4.59    | 4.62       | 2.07    | ppb   |
| Arsenic    | 75-2  | 4.67    | 4.86    | 4.28    | 4.60       | 6.46    | ppb   |
| Barium     | 135-1 | 23.14   | 21.79   | 23.46   | 22.80      | 3.89    | ppb   |
| Barium     | 137-1 | 23.30   | 23.45   | 23.28   | 23.35      | 0.40    | ppb   |
| Beryllium  | 9-1   | 4.51    | 4.74    | 4.66    | 4.64       | 2.55    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.74    | 7.03    | 5.66    | 6.48       | 11.19   | ppb   |
| Boron      | 11-1  | 6.47    | 6.01    | 5.80    | 6.09       | 5.65    | ppb   |
| Cadmium    | 111-1 | 4.35    | 4.62    | 4.46    | 4.47       | 3.04    | ppb   |
| Cadmium    | 106-1 | 3.15    | 4.16    | 2.07    | 3.13       | 33.55   | ppb   |
| Cadmium    | 108-1 | 5.20    | 4.65    | 4.40    | 4.75       | 8.60    | ppb   |
| Calcium    | 43-1  | 430.05  | 427.88  | 374.20  | 410.71     | 7.70    | ppb   |
| Calcium    | 44-1  | 437.12  | 434.12  | 422.93  | 431.39     | 1.73    | ppb   |
| Chromium   | 52-2  | 4.75    | 4.69    | 4.80    | 4.75       | 1.15    | ppb   |
| Cobalt     | 59-2  | 4.64    | 4.55    | 4.76    | 4.65       | 2.27    | ppb   |
| Copper     | 63-2  | 9.26    | 9.05    | 9.45    | 9.25       | 2.14    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 228.03  | 228.27  | 236.64  | 230.98     | 2.12    | ppb   |
| Iron       | 57-2  | 239.01  | 213.53  | 236.71  | 229.75     | 6.14    | ppb   |
| Lead       | 206-1 | 4.42    | 4.44    | 4.52    | 4.46       | 1.22    | ppb   |
| Lead       | 207-1 | 4.48    | 4.21    | 4.34    | 4.34       | 3.12    | ppb   |
| Lead       | 208-1 | 4.42    | 4.31    | 4.45    | 4.39       | 1.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 454.96  | 482.36  | 478.84  | 472.05     | 3.16    | ppb   |
| Manganese  | 55-2  | 9.14    | 10.06   | 9.49    | 9.56       | 4.87    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#11       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#11       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:44:38 | DataFile Name :   | 061SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.36    | 4.64    | 4.48    | 4.49       | 3.16    | ppb   |
| Molybdenum | 95-1  | 4.40    | 4.44    | 4.44    | 4.43       | 0.54    | ppb   |
| Molybdenum | 96-1  | 4.42    | 4.37    | 4.25    | 4.35       | 2.02    | ppb   |
| Molybdenum | 97-1  | 4.29    | 3.97    | 4.40    | 4.22       | 5.29    | ppb   |
| Molybdenum | 98-1  | 4.35    | 4.38    | 4.21    | 4.31       | 2.01    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.83    | 4.74    | 4.72    | 4.76       | 1.16    | ppb   |
| Phosphorus | 31-2  | 94.34   | 83.34   | 171.83  | 116.50     | 41.40   | ppb   |
| Potassium  | 39-2  | 244.72  | 244.59  | 229.52  | 239.61     | 3.65    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 5.93    | 8.96    | 3.11    | 6.00       | 48.81   | ppb   |
| Selenium   | 78-2  | 2.45    | 2.00    | 4.14    | 2.86       | 39.38   | ppb   |
| Selenium   | 82-1  | 5.46    | 5.63    | 5.37    | 5.49       | 2.48    | ppb   |
| Silicon    | 28-1  | -7.60   | -8.30   | -10.91  | -8.94      |         | ppb   |
| Silver     | 109-1 | 4.82    | 4.81    | 4.70    | 4.77       | 1.35    | ppb   |
| Silver     | 107-1 | 4.73    | 4.86    | 4.86    | 4.82       | 1.61    | ppb   |
| Sodium     | 23-2  | 485.97  | 488.94  | 497.78  | 490.90     | 1.25    | ppb   |
| Strontium  | 86-1  | 4.71    | 4.18    | 4.39    | 4.43       | 6.09    | ppb   |
| Strontium  | 88-1  | 4.53    | 4.47    | 4.43    | 4.48       | 1.16    | ppb   |
| Sulfur     | 34-1  | -131.42 | -175.40 | -152.94 | -153.25    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.38    | 4.39    | 4.40    | 4.39       | 0.28    | ppb   |
| Thallium   | 205-1 | 4.52    | 4.45    | 4.44    | 4.47       | 0.96    | ppb   |
| Tin        | 118-1 | 4.69    | 4.48    | 4.68    | 4.62       | 2.64    | ppb   |
| Titanium   | 47-1  | 4.62    | 4.51    | 4.62    | 4.58       | 1.44    | ppb   |
| Uranium    | 238-1 | 4.19    | 4.11    | 4.28    | 4.20       | 2.05    | ppb   |
| Vanadium   | 51-2  | 4.61    | 4.62    | 4.61    | 4.62       | 0.04    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.03    | 9.26    | 10.01   | 9.43       | 5.39    | ppb   |
| Zirconium  | 90-1  | 4.47    | 4.49    | 4.49    | 4.48       | 0.34    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#11       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#11       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:44:38 | DataFile Name :   | 061SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.39    | 4.52    | 4.28    | 4.40       | 2.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 80.03   | 85.90   | 89.28   | 85.07      | 5.50    | ppb   |
| Antimony   | 121-1 | 4.73    | 4.72    | 4.45    | 4.63       | 3.47    | ppb   |
| Arsenic    | 75-2  | 4.40    | 4.33    | 4.48    | 4.40       | 1.70    | ppb   |
| Barium     | 135-1 | 24.24   | 23.23   | 23.28   | 23.58      | 2.41    | ppb   |
| Barium     | 137-1 | 23.72   | 23.31   | 22.59   | 23.21      | 2.46    | ppb   |
| Beryllium  | 9-1   | 4.70    | 4.46    | 4.68    | 4.61       | 2.84    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.47    | 5.54    | 7.02    | 5.67       | 22.60   | ppb   |
| Boron      | 11-1  | 4.94    | 5.74    | 5.45    | 5.37       | 7.57    | ppb   |
| Cadmium    | 111-1 | 4.60    | 4.77    | 4.63    | 4.67       | 2.00    | ppb   |
| Cadmium    | 106-1 | 4.30    | 3.15    | 4.09    | 3.85       | 15.91   | ppb   |
| Cadmium    | 108-1 | 4.61    | 5.41    | 5.15    | 5.06       | 8.11    | ppb   |
| Calcium    | 43-1  | 439.05  | 434.37  | 394.70  | 422.71     | 5.77    | ppb   |
| Calcium    | 44-1  | 444.75  | 444.22  | 431.65  | 440.21     | 1.69    | ppb   |
| Chromium   | 52-2  | 4.47    | 4.70    | 4.82    | 4.66       | 3.89    | ppb   |
| Cobalt     | 59-2  | 4.55    | 4.56    | 4.57    | 4.56       | 0.23    | ppb   |
| Copper     | 63-2  | 8.90    | 8.82    | 9.32    | 9.01       | 2.94    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 226.49  | 224.51  | 229.78  | 226.93     | 1.17    | ppb   |
| Iron       | 57-2  | 231.88  | 218.87  | 238.39  | 229.71     | 4.33    | ppb   |
| Lead       | 206-1 | 4.59    | 4.59    | 4.45    | 4.54       | 1.80    | ppb   |
| Lead       | 207-1 | 4.49    | 4.46    | 4.40    | 4.45       | 1.05    | ppb   |
| Lead       | 208-1 | 4.55    | 4.55    | 4.38    | 4.49       | 2.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 468.30  | 452.49  | 476.39  | 465.73     | 2.61    | ppb   |
| Manganese  | 55-2  | 8.69    | 9.23    | 9.26    | 9.06       | 3.55    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.64    | 4.53    | 4.32    | 4.49       | 3.59    | ppb   |
| Molybdenum | 95-1  | 4.61    | 4.58    | 4.41    | 4.53       | 2.44    | ppb   |
| Molybdenum | 96-1  | 4.49    | 4.47    | 4.34    | 4.44       | 1.81    | ppb   |
| Molybdenum | 97-1  | 4.30    | 4.48    | 4.46    | 4.41       | 2.29    | ppb   |
| Molybdenum | 98-1  | 4.51    | 4.29    | 4.35    | 4.38       | 2.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.29    | 4.85    | 4.88    | 4.67       | 7.06    | ppb   |
| Phosphorus | 31-2  | 94.27   | 165.23  | 133.51  | 131.00     | 27.13   | ppb   |
| Potassium  | 39-2  | 236.04  | 206.29  | 240.87  | 227.73     | 8.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 6.03    | 12.01   | 6.06    | 8.04       | 42.85   | ppb   |
| Selenium   | 78-2  | 0.60    | 6.33    | 3.50    | 3.48       | 82.40   | ppb   |
| Selenium   | 82-1  | 5.33    | 5.08    | 4.57    | 4.99       | 7.83    | ppb   |
| Silicon    | 28-1  | -8.71   | -8.33   | -10.15  | -9.07      |         | ppb   |
| Silver     | 109-1 | 4.93    | 4.78    | 4.60    | 4.77       | 3.53    | ppb   |
| Silver     | 107-1 | 4.84    | 4.90    | 4.74    | 4.83       | 1.62    | ppb   |
| Sodium     | 23-2  | 463.22  | 476.68  | 487.33  | 475.75     | 2.54    | ppb   |
| Strontium  | 86-1  | 4.61    | 5.12    | 4.53    | 4.75       | 6.71    | ppb   |
| Strontium  | 88-1  | 4.58    | 4.61    | 4.43    | 4.54       | 2.16    | ppb   |
| Sulfur     | 34-1  | -19.38  | -37.33  | -229.21 | -95.31     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.89    | 4.70    | 4.33    | 4.64       | 6.19    | ppb   |
| Thallium   | 205-1 | 4.61    | 4.60    | 4.52    | 4.58       | 1.08    | ppb   |
| Tin        | 118-1 | 4.90    | 4.81    | 4.65    | 4.79       | 2.64    | ppb   |
| Titanium   | 47-1  | 4.55    | 4.47    | 3.77    | 4.26       | 10.10   | ppb   |
| Uranium    | 238-1 | 4.32    | 4.27    | 4.20    | 4.27       | 1.36    | ppb   |
| Vanadium   | 51-2  | 4.42    | 4.65    | 4.56    | 4.54       | 2.63    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.48    | 9.15    | 9.73    | 9.45       | 3.06    | ppb   |
| Zirconium  | 90-1  | 4.57    | 4.47    | 4.47    | 4.50       | 1.27    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.89    | 4.44    | 4.34    | 4.56       | 6.37    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#13       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#13       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:50:59 | DataFile Name :   | 063SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 100.75  | 86.34   | 94.40   | 93.83      | 7.70    | ppb   |
| Antimony   | 121-1 | 4.72    | 4.67    | 4.46    | 4.62       | 2.98    | ppb   |
| Arsenic    | 75-2  | 4.58    | 4.88    | 4.59    | 4.68       | 3.69    | ppb   |
| Barium     | 135-1 | 23.18   | 23.26   | 22.45   | 22.96      | 1.94    | ppb   |
| Barium     | 137-1 | 23.31   | 23.53   | 22.16   | 23.00      | 3.19    | ppb   |
| Beryllium  | 9-1   | 4.75    | 4.56    | 4.50    | 4.60       | 2.78    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.81    | 4.67    | 4.13    | 4.20       | 10.41   | ppb   |
| Boron      | 11-1  | 5.26    | 5.60    | 5.78    | 5.55       | 4.76    | ppb   |
| Cadmium    | 111-1 | 4.67    | 4.63    | 4.33    | 4.54       | 4.02    | ppb   |
| Cadmium    | 106-1 | 3.02    | 3.80    | 2.77    | 3.20       | 16.83   | ppb   |
| Cadmium    | 108-1 | 5.10    | 4.27    | 4.17    | 4.51       | 11.30   | ppb   |
| Calcium    | 43-1  | 428.39  | 431.58  | 394.46  | 418.14     | 4.92    | ppb   |
| Calcium    | 44-1  | 428.71  | 433.29  | 427.04  | 429.68     | 0.75    | ppb   |
| Chromium   | 52-2  | 4.66    | 4.73    | 4.80    | 4.73       | 1.54    | ppb   |
| Cobalt     | 59-2  | 4.66    | 4.90    | 4.71    | 4.76       | 2.70    | ppb   |
| Copper     | 63-2  | 9.52    | 10.10   | 9.39    | 9.67       | 3.89    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 232.71  | 243.70  | 232.40  | 236.27     | 2.72    | ppb   |
| Iron       | 57-2  | 230.92  | 236.99  | 227.75  | 231.89     | 2.03    | ppb   |
| Lead       | 206-1 | 4.48    | 4.34    | 4.51    | 4.44       | 1.98    | ppb   |
| Lead       | 207-1 | 4.56    | 4.30    | 4.52    | 4.46       | 3.18    | ppb   |
| Lead       | 208-1 | 4.51    | 4.36    | 4.44    | 4.44       | 1.71    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 477.42  | 487.11  | 460.50  | 475.01     | 2.84    | ppb   |
| Manganese  | 55-2  | 9.66    | 10.29   | 9.81    | 9.92       | 3.31    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#13       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#13       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:50:59 | DataFile Name :   | 063SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.49    | 4.30    | 4.39    | 4.39       | 2.25    | ppb   |
| Molybdenum | 95-1  | 4.51    | 4.32    | 4.37    | 4.40       | 2.25    | ppb   |
| Molybdenum | 96-1  | 4.31    | 4.19    | 4.38    | 4.29       | 2.26    | ppb   |
| Molybdenum | 97-1  | 4.22    | 4.25    | 4.22    | 4.23       | 0.40    | ppb   |
| Molybdenum | 98-1  | 4.33    | 4.28    | 4.33    | 4.31       | 0.63    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.71    | 4.95    | 5.02    | 4.89       | 3.31    | ppb   |
| Phosphorus | 31-2  | 158.39  | 52.20   | 135.17  | 115.25     | 48.44   | ppb   |
| Potassium  | 39-2  | 258.98  | 293.74  | 246.83  | 266.52     | 9.13    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.01    | 0.00    | 6.03    | 3.01       | 100.09  | ppb   |
| Selenium   | 78-2  | 3.94    | 5.85    | 2.99    | 4.26       | 34.11   | ppb   |
| Selenium   | 82-1  | 5.43    | 4.65    | 5.62    | 5.24       | 9.79    | ppb   |
| Silicon    | 28-1  | -8.73   | -10.27  | -11.30  | -10.10     |         | ppb   |
| Silver     | 109-1 | 4.77    | 4.74    | 4.77    | 4.76       | 0.38    | ppb   |
| Silver     | 107-1 | 4.86    | 4.72    | 4.84    | 4.81       | 1.61    | ppb   |
| Sodium     | 23-2  | 497.00  | 517.71  | 493.13  | 502.61     | 2.63    | ppb   |
| Strontium  | 86-1  | 4.58    | 4.62    | 4.40    | 4.53       | 2.60    | ppb   |
| Strontium  | 88-1  | 4.53    | 4.46    | 4.41    | 4.47       | 1.37    | ppb   |
| Sulfur     | 34-1  | -229.77 | -139.49 | -407.69 | -258.98    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.52    | 4.25    | 4.36    | 4.37       | 3.10    | ppb   |
| Thallium   | 205-1 | 4.44    | 4.22    | 4.35    | 4.34       | 2.61    | ppb   |
| Tin        | 118-1 | 4.55    | 4.60    | 4.51    | 4.55       | 1.01    | ppb   |
| Titanium   | 47-1  | 4.83    | 4.34    | 4.72    | 4.63       | 5.48    | ppb   |
| Uranium    | 238-1 | 4.17    | 4.26    | 4.24    | 4.22       | 1.03    | ppb   |
| Vanadium   | 51-2  | 4.63    | 4.88    | 4.56    | 4.69       | 3.59    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.58    | 10.38   | 10.25   | 10.07      | 4.23    | ppb   |
| Zirconium  | 90-1  | 4.44    | 4.34    | 4.32    | 4.37       | 1.46    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#13       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#13       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:50:59 | DataFile Name :   | 063SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.64    | 4.23    | 4.53    | 4.47       | 4.73    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 96.00   | 79.24   | 98.16   | 91.13      | 11.37   | ppb   |
| Antimony   | 121-1 | 4.72    | 4.57    | 4.78    | 4.69       | 2.34    | ppb   |
| Arsenic    | 75-2  | 4.49    | 4.58    | 4.37    | 4.48       | 2.32    | ppb   |
| Barium     | 135-1 | 22.66   | 22.93   | 22.36   | 22.65      | 1.26    | ppb   |
| Barium     | 137-1 | 23.31   | 22.58   | 22.39   | 22.76      | 2.14    | ppb   |
| Beryllium  | 9-1   | 4.82    | 4.75    | 4.67    | 4.75       | 1.56    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.30    | 3.65    | 3.45    | 3.80       | 11.74   | ppb   |
| Boron      | 11-1  | 4.85    | 4.70    | 5.31    | 4.95       | 6.39    | ppb   |
| Cadmium    | 111-1 | 4.53    | 4.61    | 4.58    | 4.57       | 0.91    | ppb   |
| Cadmium    | 106-1 | 2.65    | 4.17    | 2.81    | 3.21       | 25.93   | ppb   |
| Cadmium    | 108-1 | 5.00    | 4.40    | 5.77    | 5.06       | 13.62   | ppb   |
| Calcium    | 43-1  | 431.65  | 412.98  | 401.54  | 415.39     | 3.66    | ppb   |
| Calcium    | 44-1  | 444.07  | 436.81  | 429.44  | 436.78     | 1.67    | ppb   |
| Chromium   | 52-2  | 4.75    | 4.39    | 4.87    | 4.67       | 5.41    | ppb   |
| Cobalt     | 59-2  | 4.60    | 4.41    | 4.55    | 4.52       | 2.20    | ppb   |
| Copper     | 63-2  | 9.11    | 8.98    | 8.86    | 8.98       | 1.43    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 233.28  | 221.30  | 223.12  | 225.90     | 2.86    | ppb   |
| Iron       | 57-2  | 243.66  | 230.28  | 226.48  | 233.47     | 3.86    | ppb   |
| Lead       | 206-1 | 4.51    | 4.21    | 4.35    | 4.36       | 3.40    | ppb   |
| Lead       | 207-1 | 4.45    | 4.11    | 4.40    | 4.32       | 4.32    | ppb   |
| Lead       | 208-1 | 4.45    | 4.27    | 4.41    | 4.37       | 2.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 466.19  | 464.26  | 467.91  | 466.12     | 0.39    | ppb   |
| Manganese  | 55-2  | 9.42    | 9.06    | 9.60    | 9.36       | 2.90    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.40    | 4.19    | 4.28    | 4.29       | 2.41    | ppb   |
| Molybdenum | 95-1  | 4.46    | 4.24    | 4.30    | 4.33       | 2.59    | ppb   |
| Molybdenum | 96-1  | 4.46    | 4.31    | 4.29    | 4.35       | 2.18    | ppb   |
| Molybdenum | 97-1  | 4.21    | 4.46    | 4.52    | 4.40       | 3.69    | ppb   |
| Molybdenum | 98-1  | 4.40    | 4.40    | 4.35    | 4.38       | 0.64    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.56    | 4.51    | 4.69    | 4.59       | 2.02    | ppb   |
| Phosphorus | 31-2  | 134.51  | 118.26  | 105.43  | 119.40     | 12.21   | ppb   |
| Potassium  | 39-2  | 245.69  | 229.07  | 228.09  | 234.28     | 4.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 6.03    | 2.98    | 3.00       | 100.42  | ppb   |
| Selenium   | 78-2  | 4.88    | 5.87    | 2.94    | 4.56       | 32.66   | ppb   |
| Selenium   | 82-1  | 4.73    | 3.52    | 3.86    | 4.04       | 15.43   | ppb   |
| Silicon    | 28-1  | -10.60  | -10.11  | -10.32  | -10.34     |         | ppb   |
| Silver     | 109-1 | 4.61    | 4.57    | 4.83    | 4.67       | 2.93    | ppb   |
| Silver     | 107-1 | 4.70    | 4.62    | 4.69    | 4.67       | 0.99    | ppb   |
| Sodium     | 23-2  | 506.01  | 458.83  | 464.25  | 476.36     | 5.42    | ppb   |
| Strontium  | 86-1  | 4.57    | 4.21    | 4.40    | 4.39       | 4.10    | ppb   |
| Strontium  | 88-1  | 4.66    | 4.34    | 4.52    | 4.50       | 3.54    | ppb   |
| Sulfur     | 34-1  | -102.33 | -189.55 | -234.73 | -175.54    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.39    | 4.36    | 4.26    | 4.34       | 1.58    | ppb   |
| Thallium   | 205-1 | 4.40    | 4.37    | 4.50    | 4.42       | 1.51    | ppb   |
| Tin        | 118-1 | 4.74    | 4.42    | 4.51    | 4.55       | 3.62    | ppb   |
| Titanium   | 47-1  | 4.42    | 4.84    | 4.52    | 4.59       | 4.77    | ppb   |
| Uranium    | 238-1 | 4.28    | 4.16    | 4.27    | 4.24       | 1.64    | ppb   |
| Vanadium   | 51-2  | 4.85    | 4.66    | 4.45    | 4.65       | 4.21    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.73    | 9.10    | 8.99    | 9.27       | 4.30    | ppb   |
| Zirconium  | 90-1  | 4.44    | 4.50    | 4.45    | 4.46       | 0.77    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.44    | 4.41    | 4.28    | 4.38       | 1.92    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 83.41   | 72.19   | 88.83   | 81.48      | 10.42   | ppb   |
| Antimony   | 121-1 | 4.42    | 4.63    | 4.54    | 4.53       | 2.37    | ppb   |
| Arsenic    | 75-2  | 4.75    | 4.96    | 4.46    | 4.72       | 5.36    | ppb   |
| Barium     | 135-1 | 22.90   | 22.82   | 22.73   | 22.82      | 0.38    | ppb   |
| Barium     | 137-1 | 22.70   | 22.46   | 21.87   | 22.35      | 1.90    | ppb   |
| Beryllium  | 9-1   | 4.19    | 4.68    | 4.71    | 4.53       | 6.40    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.72    | 4.99    | 5.99    | 5.23       | 12.78   | ppb   |
| Boron      | 11-1  | 4.98    | 5.46    | 4.87    | 5.10       | 6.21    | ppb   |
| Cadmium    | 111-1 | 4.71    | 4.65    | 4.62    | 4.66       | 1.01    | ppb   |
| Cadmium    | 106-1 | 2.28    | 2.48    | 2.36    | 2.37       | 4.42    | ppb   |
| Cadmium    | 108-1 | 4.64    | 5.50    | 4.69    | 4.94       | 9.76    | ppb   |
| Calcium    | 43-1  | 432.51  | 406.06  | 414.78  | 417.78     | 3.23    | ppb   |
| Calcium    | 44-1  | 428.21  | 447.35  | 440.87  | 438.81     | 2.22    | ppb   |
| Chromium   | 52-2  | 4.74    | 4.49    | 4.59    | 4.60       | 2.69    | ppb   |
| Cobalt     | 59-2  | 4.86    | 4.68    | 4.56    | 4.70       | 3.28    | ppb   |
| Copper     | 63-2  | 9.43    | 9.21    | 9.33    | 9.32       | 1.17    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 237.38  | 229.75  | 231.34  | 232.82     | 1.73    | ppb   |
| Iron       | 57-2  | 231.00  | 229.59  | 226.78  | 229.12     | 0.94    | ppb   |
| Lead       | 206-1 | 4.39    | 4.32    | 4.27    | 4.33       | 1.39    | ppb   |
| Lead       | 207-1 | 4.37    | 4.39    | 4.18    | 4.31       | 2.68    | ppb   |
| Lead       | 208-1 | 4.37    | 4.31    | 4.31    | 4.33       | 0.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 481.22  | 456.33  | 469.45  | 469.00     | 2.65    | ppb   |
| Manganese  | 55-2  | 9.79    | 9.76    | 9.56    | 9.70       | 1.33    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.43    | 4.43    | 4.21    | 4.35       | 2.85    | ppb   |
| Molybdenum | 95-1  | 4.27    | 4.41    | 4.34    | 4.34       | 1.61    | ppb   |
| Molybdenum | 96-1  | 4.17    | 4.36    | 4.54    | 4.35       | 4.25    | ppb   |
| Molybdenum | 97-1  | 4.17    | 4.58    | 4.28    | 4.34       | 4.91    | ppb   |
| Molybdenum | 98-1  | 4.28    | 4.27    | 4.42    | 4.32       | 1.94    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.58    | 4.64    | 4.51    | 4.58       | 1.44    | ppb   |
| Phosphorus | 31-2  | 137.39  | 85.05   | 36.08   | 86.17      | 58.79   | ppb   |
| Potassium  | 39-2  | 235.65  | 235.17  | 247.62  | 239.48     | 2.94    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 3.10    | 12.10   | 6.03    | 7.08       | 64.90   | ppb   |
| Selenium   | 78-2  | 2.64    | 3.02    | 3.00    | 2.88       | 7.32    | ppb   |
| Selenium   | 82-1  | 4.81    | 4.43    | 4.82    | 4.69       | 4.68    | ppb   |
| Silicon    | 28-1  | -9.08   | -8.04   | -8.94   | -8.69      |         | ppb   |
| Silver     | 109-1 | 4.54    | 4.68    | 4.61    | 4.61       | 1.54    | ppb   |
| Silver     | 107-1 | 4.63    | 4.73    | 4.65    | 4.67       | 1.05    | ppb   |
| Sodium     | 23-2  | 493.00  | 478.09  | 482.17  | 484.42     | 1.59    | ppb   |
| Strontium  | 86-1  | 4.58    | 4.49    | 4.42    | 4.50       | 1.86    | ppb   |
| Strontium  | 88-1  | 4.39    | 4.47    | 4.49    | 4.45       | 1.19    | ppb   |
| Sulfur     | 34-1  | -124.08 | -9.86   | 7.21    | -42.24     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.29    | 4.34    | 4.37    | 4.33       | 0.95    | ppb   |
| Thallium   | 205-1 | 4.54    | 4.36    | 4.34    | 4.41       | 2.52    | ppb   |
| Tin        | 118-1 | 4.51    | 4.38    | 4.37    | 4.42       | 1.84    | ppb   |
| Titanium   | 47-1  | 4.33    | 4.51    | 4.43    | 4.42       | 2.02    | ppb   |
| Uranium    | 238-1 | 4.27    | 4.13    | 4.15    | 4.18       | 1.81    | ppb   |
| Vanadium   | 51-2  | 4.70    | 4.73    | 4.61    | 4.68       | 1.39    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.91    | 9.19    | 8.91    | 9.34       | 5.53    | ppb   |
| Zirconium  | 90-1  | 4.39    | 4.46    | 4.50    | 4.45       | 1.32    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.62    | 4.19    | 4.26    | 4.36       | 5.36    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 78.11   | 111.24  | 93.10   | 94.15      | 17.62   | ppb   |
| Antimony   | 121-1 | 4.86    | 4.63    | 4.54    | 4.68       | 3.57    | ppb   |
| Arsenic    | 75-2  | 4.56    | 4.82    | 4.45    | 4.61       | 4.13    | ppb   |
| Barium     | 135-1 | 23.77   | 22.87   | 22.53   | 23.06      | 2.78    | ppb   |
| Barium     | 137-1 | 24.55   | 22.98   | 23.21   | 23.58      | 3.60    | ppb   |
| Beryllium  | 9-1   | 4.73    | 4.26    | 4.69    | 4.56       | 5.76    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.25    | 5.71    | 4.21    | 4.72       | 18.10   | ppb   |
| Boron      | 11-1  | 5.32    | 4.10    | 4.70    | 4.70       | 13.01   | ppb   |
| Cadmium    | 111-1 | 4.86    | 4.66    | 4.53    | 4.68       | 3.60    | ppb   |
| Cadmium    | 106-1 | 4.82    | 3.19    | 4.12    | 4.04       | 20.31   | ppb   |
| Cadmium    | 108-1 | 4.78    | 5.61    | 5.48    | 5.29       | 8.46    | ppb   |
| Calcium    | 43-1  | 432.77  | 399.82  | 430.85  | 421.15     | 4.39    | ppb   |
| Calcium    | 44-1  | 470.00  | 430.70  | 434.28  | 445.00     | 4.88    | ppb   |
| Chromium   | 52-2  | 4.53    | 4.61    | 4.95    | 4.70       | 4.75    | ppb   |
| Cobalt     | 59-2  | 4.64    | 4.52    | 4.67    | 4.61       | 1.70    | ppb   |
| Copper     | 63-2  | 9.22    | 9.06    | 9.35    | 9.21       | 1.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 226.35  | 228.64  | 227.42  | 227.47     | 0.50    | ppb   |
| Iron       | 57-2  | 229.24  | 236.43  | 227.92  | 231.20     | 1.98    | ppb   |
| Lead       | 206-1 | 4.63    | 4.44    | 4.46    | 4.51       | 2.31    | ppb   |
| Lead       | 207-1 | 4.81    | 4.33    | 4.22    | 4.45       | 7.00    | ppb   |
| Lead       | 208-1 | 4.73    | 4.36    | 4.39    | 4.49       | 4.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 452.90  | 451.62  | 450.25  | 451.59     | 0.29    | ppb   |
| Manganese  | 55-2  | 9.03    | 9.00    | 9.72    | 9.25       | 4.36    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.66    | 4.41    | 4.36    | 4.48       | 3.60    | ppb   |
| Molybdenum | 95-1  | 4.57    | 4.42    | 4.50    | 4.49       | 1.65    | ppb   |
| Molybdenum | 96-1  | 4.65    | 4.27    | 4.19    | 4.37       | 5.55    | ppb   |
| Molybdenum | 97-1  | 4.78    | 4.41    | 4.42    | 4.54       | 4.69    | ppb   |
| Molybdenum | 98-1  | 4.64    | 4.23    | 4.20    | 4.36       | 5.72    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 5.14    | 4.68    | 4.42    | 4.75       | 7.72    | ppb   |
| Phosphorus | 31-2  | 124.71  | 96.80   | 108.94  | 110.15     | 12.70   | ppb   |
| Potassium  | 39-2  | 234.44  | 236.23  | 218.04  | 229.57     | 4.37    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 6.06    | 9.04    | 5.04       | 91.53   | ppb   |
| Selenium   | 78-2  | 6.10    | 3.50    | 2.52    | 4.04       | 45.79   | ppb   |
| Selenium   | 82-1  | 5.19    | 3.40    | 4.14    | 4.25       | 21.13   | ppb   |
| Silicon    | 28-1  | -1.28   | -11.10  | -6.20   | -6.19      |         | ppb   |
| Silver     | 109-1 | 5.08    | 4.82    | 4.83    | 4.91       | 3.00    | ppb   |
| Silver     | 107-1 | 4.92    | 4.83    | 4.76    | 4.84       | 1.67    | ppb   |
| Sodium     | 23-2  | 460.98  | 470.45  | 471.00  | 467.47     | 1.21    | ppb   |
| Strontium  | 86-1  | 4.78    | 4.34    | 4.59    | 4.57       | 4.77    | ppb   |
| Strontium  | 88-1  | 4.73    | 4.53    | 4.40    | 4.55       | 3.59    | ppb   |
| Sulfur     | 34-1  | 630.70  | -95.31  | -43.11  | 164.09     | 246.77  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.42    | 4.34    | 4.24    | 4.33       | 2.09    | ppb   |
| Thallium   | 205-1 | 4.70    | 4.46    | 4.53    | 4.56       | 2.68    | ppb   |
| Tin        | 118-1 | 4.85    | 4.53    | 4.50    | 4.62       | 4.18    | ppb   |
| Titanium   | 47-1  | 5.07    | 4.34    | 4.42    | 4.61       | 8.68    | ppb   |
| Uranium    | 238-1 | 4.42    | 4.22    | 4.29    | 4.31       | 2.39    | ppb   |
| Vanadium   | 51-2  | 4.58    | 4.45    | 4.57    | 4.53       | 1.57    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.12    | 9.41    | 8.32    | 8.95       | 6.31    | ppb   |
| Zirconium  | 90-1  | 4.78    | 4.33    | 4.35    | 4.49       | 5.70    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.86    | 4.37    | 4.29    | 4.50       | 6.83    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 91.53   | 90.88   | 91.25   | 91.22      | 0.36    | ppb   |
| Antimony   | 121-1 | 4.75    | 4.70    | 4.57    | 4.68       | 2.04    | ppb   |
| Arsenic    | 75-2  | 4.53    | 4.45    | 4.49    | 4.49       | 0.88    | ppb   |
| Barium     | 135-1 | 23.29   | 22.25   | 22.16   | 22.57      | 2.78    | ppb   |
| Barium     | 137-1 | 23.28   | 22.70   | 22.51   | 22.83      | 1.76    | ppb   |
| Beryllium  | 9-1   | 4.48    | 4.58    | 4.40    | 4.49       | 2.04    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.72    | 4.13    | 3.24    | 3.70       | 11.99   | ppb   |
| Boron      | 11-1  | 4.93    | 4.84    | 5.02    | 4.93       | 1.87    | ppb   |
| Cadmium    | 111-1 | 4.79    | 4.66    | 4.53    | 4.66       | 2.72    | ppb   |
| Cadmium    | 106-1 | 2.97    | 3.50    | 3.92    | 3.46       | 13.79   | ppb   |
| Cadmium    | 108-1 | 4.36    | 4.15    | 4.88    | 4.46       | 8.36    | ppb   |
| Calcium    | 43-1  | 428.41  | 391.32  | 412.66  | 410.80     | 4.53    | ppb   |
| Calcium    | 44-1  | 434.11  | 426.82  | 423.68  | 428.20     | 1.25    | ppb   |
| Chromium   | 52-2  | 4.79    | 4.75    | 4.42    | 4.65       | 4.36    | ppb   |
| Cobalt     | 59-2  | 4.56    | 4.63    | 4.53    | 4.57       | 1.19    | ppb   |
| Copper     | 63-2  | 9.16    | 9.20    | 9.13    | 9.16       | 0.38    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 230.72  | 227.01  | 226.92  | 228.22     | 0.95    | ppb   |
| Iron       | 57-2  | 234.02  | 240.06  | 219.04  | 231.04     | 4.68    | ppb   |
| Lead       | 206-1 | 4.28    | 4.38    | 4.28    | 4.31       | 1.42    | ppb   |
| Lead       | 207-1 | 4.36    | 4.35    | 4.16    | 4.29       | 2.63    | ppb   |
| Lead       | 208-1 | 4.32    | 4.40    | 4.33    | 4.35       | 0.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 446.73  | 440.82  | 445.65  | 444.40     | 0.71    | ppb   |
| Manganese  | 55-2  | 9.29    | 9.02    | 8.86    | 9.06       | 2.37    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.26    | 4.22    | 4.19    | 4.22       | 0.76    | ppb   |
| Molybdenum | 95-1  | 4.31    | 4.38    | 4.48    | 4.39       | 1.97    | ppb   |
| Molybdenum | 96-1  | 4.42    | 4.29    | 4.37    | 4.36       | 1.47    | ppb   |
| Molybdenum | 97-1  | 4.42    | 4.14    | 4.34    | 4.30       | 3.35    | ppb   |
| Molybdenum | 98-1  | 4.24    | 4.26    | 4.29    | 4.26       | 0.50    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.62    | 4.85    | 4.87    | 4.78       | 2.90    | ppb   |
| Phosphorus | 31-2  | 85.16   | 72.40   | 131.91  | 96.49      | 32.47   | ppb   |
| Potassium  | 39-2  | 255.18  | 241.93  | 234.09  | 243.73     | 4.37    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 15.30   | 15.00   | 3.01    | 11.10      | 63.12   | ppb   |
| Selenium   | 78-2  | 4.53    | 3.45    | 1.56    | 3.18       | 47.32   | ppb   |
| Selenium   | 82-1  | 4.29    | 4.09    | 5.44    | 4.61       | 15.78   | ppb   |
| Silicon    | 28-1  | -6.51   | -8.27   | -11.20  | -8.66      |         | ppb   |
| Silver     | 109-1 | 4.79    | 4.67    | 4.67    | 4.71       | 1.42    | ppb   |
| Silver     | 107-1 | 4.64    | 4.62    | 4.64    | 4.63       | 0.31    | ppb   |
| Sodium     | 23-2  | 476.24  | 467.04  | 467.83  | 470.37     | 1.08    | ppb   |
| Strontium  | 86-1  | 4.51    | 4.47    | 4.58    | 4.52       | 1.17    | ppb   |
| Strontium  | 88-1  | 4.43    | 4.33    | 4.44    | 4.40       | 1.44    | ppb   |
| Sulfur     | 34-1  | 94.59   | 27.97   | 45.94   | 56.17      | 61.36   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.48    | 4.43    | 4.46    | 4.45       | 0.56    | ppb   |
| Thallium   | 205-1 | 4.43    | 4.40    | 4.23    | 4.35       | 2.45    | ppb   |
| Tin        | 118-1 | 4.59    | 4.57    | 4.39    | 4.52       | 2.44    | ppb   |
| Titanium   | 47-1  | 4.27    | 4.68    | 4.49    | 4.48       | 4.57    | ppb   |
| Uranium    | 238-1 | 4.21    | 4.10    | 4.18    | 4.16       | 1.43    | ppb   |
| Vanadium   | 51-2  | 4.70    | 4.59    | 4.45    | 4.58       | 2.73    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.48    | 10.23   | 9.95    | 9.88       | 3.84    | ppb   |
| Zirconium  | 90-1  | 4.28    | 4.49    | 4.36    | 4.38       | 2.51    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.22    | 4.21    | 4.34    | 4.26       | 1.67    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50223.52  | 51224.67  | 51350.51  | 50932.90   | 1.21    | ppb   |
| Antimony   | 121-1 | 532.55    | 517.55    | 506.99    | 519.03     | 2.47    | ppb   |
| Arsenic    | 75-2  | 496.48    | 496.06    | 499.51    | 497.35     | 0.38    | ppb   |
| Barium     | 135-1 | 2695.03   | 2593.74   | 2570.92   | 2619.90    | 2.52    | ppb   |
| Barium     | 137-1 | 2652.28   | 2565.61   | 2560.04   | 2592.64    | 1.99    | ppb   |
| Beryllium  | 9-1   | 529.90    | 505.96    | 503.27    | 513.04     | 2.86    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 528.07    | 497.91    | 499.07    | 508.35     | 3.36    | ppb   |
| Boron      | 11-1  | 523.95    | 510.57    | 515.53    | 516.68     | 1.31    | ppb   |
| Cadmium    | 111-1 | 512.08    | 488.61    | 485.67    | 495.45     | 2.92    | ppb   |
| Cadmium    | 106-1 | 522.78    | 493.24    | 494.07    | 503.36     | 3.34    | ppb   |
| Cadmium    | 108-1 | 524.73    | 494.80    | 489.59    | 503.04     | 3.77    | ppb   |
| Calcium    | 43-1  | 250432.34 | 238134.16 | 237253.52 | 241940.01  | 3.05    | ppb   |
| Calcium    | 44-1  | 247170.04 | 239948.83 | 239398.81 | 242172.56  | 1.79    | ppb   |
| Chromium   | 52-2  | 509.80    | 514.98    | 519.64    | 514.81     | 0.96    | ppb   |
| Cobalt     | 59-2  | 480.87    | 489.09    | 489.41    | 486.46     | 0.99    | ppb   |
| Copper     | 63-2  | 980.28    | 986.30    | 999.66    | 988.75     | 1.00    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 118950.15 | 121028.71 | 121354.31 | 120444.39  | 1.08    | ppb   |
| Iron       | 57-2  | 122857.38 | 124045.79 | 125600.03 | 124167.73  | 1.11    | ppb   |
| Lead       | 206-1 | 541.39    | 519.12    | 500.72    | 520.41     | 3.91    | ppb   |
| Lead       | 207-1 | 527.28    | 498.39    | 493.79    | 506.49     | 3.58    | ppb   |
| Lead       | 208-1 | 543.07    | 512.94    | 504.99    | 520.34     | 3.86    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 247145.60 | 248516.81 | 248323.54 | 247995.32  | 0.30    | ppb   |
| Manganese  | 55-2  | 998.69    | 1007.52   | 1032.19   | 1012.80    | 1.71    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 540.96    | 511.66    | 520.39    | 524.34     | 2.87    | ppb   |
| Molybdenum | 95-1  | 543.38    | 504.98    | 506.61    | 518.33     | 4.19    | ppb   |
| Molybdenum | 96-1  | 539.31    | 513.69    | 519.35    | 524.12     | 2.57    | ppb   |
| Molybdenum | 97-1  | 512.19    | 486.58    | 486.63    | 495.14     | 2.98    | ppb   |
| Molybdenum | 98-1  | 529.44    | 504.16    | 509.64    | 514.41     | 2.59    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 490.02    | 496.41    | 495.84    | 494.09     | 0.72    | ppb   |
| Phosphorus | 31-2  | 9552.25   | 10341.83  | 10933.90  | 10275.99   | 6.75    | ppb   |
| Potassium  | 39-2  | 123886.34 | 127183.78 | 126996.95 | 126022.36  | 1.47    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 584.54    | 460.63    | 476.48    | 507.22     | 13.29   | ppb   |
| Selenium   | 78-2  | 502.81    | 477.69    | 480.50    | 487.00     | 2.83    | ppb   |
| Selenium   | 82-1  | 513.76    | 490.76    | 494.62    | 499.71     | 2.46    | ppb   |
| Silicon    | 28-1  | 532.06    | 518.57    | 518.21    | 522.95     | 1.51    | ppb   |
| Silver     | 109-1 | 528.19    | 499.77    | 500.70    | 509.55     | 3.17    | ppb   |
| Silver     | 107-1 | 526.99    | 507.18    | 498.49    | 510.89     | 2.86    | ppb   |
| Sodium     | 23-2  | 243824.24 | 249192.79 | 248716.07 | 247244.37  | 1.20    | ppb   |
| Strontium  | 86-1  | 523.64    | 508.28    | 504.20    | 512.04     | 2.00    | ppb   |
| Strontium  | 88-1  | 538.03    | 513.54    | 511.91    | 521.16     | 2.81    | ppb   |
| Sulfur     | 34-1  | 11356.88  | 10307.66  | 10440.61  | 10701.72   | 5.34    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 543.63    | 509.98    | 511.56    | 521.72     | 3.64    | ppb   |
| Thallium   | 205-1 | 547.09    | 517.93    | 512.12    | 525.71     | 3.56    | ppb   |
| Tin        | 118-1 | 533.43    | 514.18    | 506.37    | 517.99     | 2.69    | ppb   |
| Titanium   | 47-1  | 515.90    | 489.10    | 492.99    | 499.33     | 2.90    | ppb   |
| Uranium    | 238-1 | 547.73    | 521.01    | 512.37    | 527.04     | 3.50    | ppb   |
| Vanadium   | 51-2  | 500.86    | 508.26    | 510.39    | 506.50     | 0.99    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 950.56    | 976.11    | 972.62    | 966.43     | 1.43    | ppb   |
| Zirconium  | 90-1  | 548.67    | 515.93    | 511.00    | 525.20     | 3.90    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 531.25  | 505.35  | 504.56  | 513.72     | 2.96    | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB11 Instrumnet Name : P8  
 Client Sample ID : CCB11 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:14:25 DataFile Name : 069CCBE\_P8072417.D

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.63   | -1.67   | -0.70   | -1.00      |         | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 22.58   | ppb   |
| Arsenic    | 75-2  | -0.07   | 0.00    | -0.06   | -0.04      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.03   | -0.05   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.20    | 1.31    | 2.31    | 1.94       | 28.17   | ppb   |
| Boron      | 11-1  | 2.91    | 3.29    | 2.71    | 2.97       | 9.93    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.07   | -0.06   | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.79   | -0.86   | -0.74   | -0.80      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.10    | 0.09    | 0.06       | 108.21  | ppb   |
| Calcium    | 43-1  | -23.36  | -19.52  | -7.60   | -16.82     |         | ppb   |
| Calcium    | 44-1  | -4.27   | -1.41   | 1.37    | -1.44      |         | ppb   |
| Chromium   | 52-2  | -0.02   | -0.06   | -0.06   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.85    | 0.55    | 0.10    | 0.50       | 75.75   | ppb   |
| Iron       | 57-2  | 1.69    | 2.26    | 0.05    | 1.33       | 85.82   | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.04    | 0.04       | 14.47   | ppb   |
| Lead       | 207-1 | 0.06    | 0.02    | 0.04    | 0.04       | 41.57   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.03    | 0.02       | 19.61   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.99    | 0.15    | 1.66    | 0.93       | 80.96   | ppb   |
| Manganese  | 55-2  | 0.06    | 0.07    | 0.02    | 0.05       | 58.12   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:14:25 | DataFile Name :   | 069CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.00    | 0.02    | 0.01       | 116.51  | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.02   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | -0.02   | -0.07   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 0.25    | 0.24    | 23.99   | 8.16       | 168.03  | ppb   |
| Potassium  | 39-2  | 25.61   | 18.87   | 18.31   | 20.93      | 19.41   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 3.01    | 1.00       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.20    | -1.80   | -0.84   | -0.82      |         | ppb   |
| Selenium   | 82-1  | 0.42    | -0.75   | -0.85   | -0.39      |         | ppb   |
| Silicon    | 28-1  | -16.50  | -14.18  | -14.42  | -15.03     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.01    | 0.00    | 0.01       | 55.26   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 54.78   | ppb   |
| Sodium     | 23-2  | 41.20   | 37.74   | 36.76   | 38.56      | 6.04    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.06    | 0.10    | 0.06       | 85.80   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -86.36  | -95.94  | -76.15  | -86.15     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.00    | 0.01       | 108.54  | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.03    | 0.02       | 24.86   | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.01    | 0.02       | 60.94   | ppb   |
| Titanium   | 47-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.02   | -0.14   | 0.11    | -0.02      |         | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 35.52   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:14:25 | DataFile Name :   | 069CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.06    | 0.01    | 0.02       | 129.80  | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 95.54   | 94.83   | 100.47  | 96.95      | 3.17    | ppb   |
| Antimony   | 121-1 | 4.45    | 4.51    | 4.59    | 4.52       | 1.62    | ppb   |
| Arsenic    | 75-2  | 4.58    | 4.65    | 4.64    | 4.63       | 0.87    | ppb   |
| Barium     | 135-1 | 22.36   | 22.12   | 23.34   | 22.61      | 2.87    | ppb   |
| Barium     | 137-1 | 22.65   | 23.08   | 22.29   | 22.67      | 1.74    | ppb   |
| Beryllium  | 9-1   | 4.51    | 4.66    | 4.67    | 4.61       | 1.86    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.57    | 4.66    | 5.44    | 5.22       | 9.48    | ppb   |
| Boron      | 11-1  | 6.13    | 6.25    | 6.42    | 6.27       | 2.32    | ppb   |
| Cadmium    | 111-1 | 4.46    | 4.29    | 4.64    | 4.46       | 3.88    | ppb   |
| Cadmium    | 106-1 | 2.99    | 3.03    | 1.92    | 2.65       | 23.80   | ppb   |
| Cadmium    | 108-1 | 5.77    | 4.09    | 4.53    | 4.80       | 18.22   | ppb   |
| Calcium    | 43-1  | 441.30  | 419.98  | 399.95  | 420.41     | 4.92    | ppb   |
| Calcium    | 44-1  | 427.03  | 438.16  | 424.11  | 429.77     | 1.72    | ppb   |
| Chromium   | 52-2  | 4.54    | 4.57    | 4.33    | 4.48       | 2.93    | ppb   |
| Cobalt     | 59-2  | 4.52    | 4.34    | 4.47    | 4.45       | 2.07    | ppb   |
| Copper     | 63-2  | 9.04    | 8.69    | 9.23    | 8.99       | 3.05    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 227.41  | 223.48  | 230.41  | 227.10     | 1.53    | ppb   |
| Iron       | 57-2  | 254.79  | 230.06  | 211.80  | 232.22     | 9.29    | ppb   |
| Lead       | 206-1 | 4.39    | 4.37    | 4.54    | 4.43       | 2.19    | ppb   |
| Lead       | 207-1 | 4.36    | 4.35    | 4.43    | 4.38       | 0.95    | ppb   |
| Lead       | 208-1 | 4.37    | 4.35    | 4.45    | 4.39       | 1.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 446.80  | 461.13  | 466.23  | 458.05     | 2.20    | ppb   |
| Manganese  | 55-2  | 9.61    | 9.84    | 9.57    | 9.67       | 1.47    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.60    | 4.46    | 4.45    | 4.50       | 1.92    | ppb   |
| Molybdenum | 95-1  | 4.39    | 4.55    | 4.36    | 4.43       | 2.33    | ppb   |
| Molybdenum | 96-1  | 4.43    | 4.51    | 4.34    | 4.43       | 1.96    | ppb   |
| Molybdenum | 97-1  | 4.32    | 4.55    | 4.39    | 4.42       | 2.67    | ppb   |
| Molybdenum | 98-1  | 4.23    | 4.25    | 4.35    | 4.28       | 1.51    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.89    | 4.51    | 4.77    | 4.72       | 4.11    | ppb   |
| Phosphorus | 31-2  | 118.93  | 82.46   | 85.00   | 95.46      | 21.33   | ppb   |
| Potassium  | 39-2  | 248.36  | 225.27  | 252.33  | 241.99     | 6.04    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.98    | 9.00    | 2.99    | 4.99       | 69.57   | ppb   |
| Selenium   | 78-2  | 2.00    | 4.89    | 2.01    | 2.96       | 56.12   | ppb   |
| Selenium   | 82-1  | 5.81    | 5.77    | 4.86    | 5.48       | 9.83    | ppb   |
| Silicon    | 28-1  | -10.96  | -10.29  | -12.28  | -11.18     |         | ppb   |
| Silver     | 109-1 | 4.71    | 4.65    | 4.75    | 4.70       | 1.05    | ppb   |
| Silver     | 107-1 | 4.71    | 4.89    | 4.79    | 4.79       | 1.83    | ppb   |
| Sodium     | 23-2  | 486.76  | 467.74  | 498.02  | 484.18     | 3.16    | ppb   |
| Strontium  | 86-1  | 4.80    | 4.56    | 4.33    | 4.57       | 5.19    | ppb   |
| Strontium  | 88-1  | 4.55    | 4.50    | 4.42    | 4.49       | 1.42    | ppb   |
| Sulfur     | 34-1  | -134.95 | -52.14  | 36.52   | -50.19     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.12    | 4.40    | 4.36    | 4.29       | 3.52    | ppb   |
| Thallium   | 205-1 | 4.33    | 4.46    | 4.44    | 4.41       | 1.55    | ppb   |
| Tin        | 118-1 | 4.60    | 4.54    | 4.47    | 4.54       | 1.50    | ppb   |
| Titanium   | 47-1  | 4.14    | 3.95    | 4.38    | 4.16       | 5.25    | ppb   |
| Uranium    | 238-1 | 4.02    | 4.22    | 4.19    | 4.14       | 2.61    | ppb   |
| Vanadium   | 51-2  | 4.48    | 4.17    | 4.45    | 4.37       | 3.86    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.64    | 9.91    | 9.23    | 9.59       | 3.55    | ppb   |
| Zirconium  | 90-1  | 4.40    | 4.40    | 4.33    | 4.38       | 0.93    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.19    | 4.41    | 4.21    | 4.27       | 2.88    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#12        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#12        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:20:45 | DataFile Name :   | 071SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 91.92   | 90.34   | 109.26  | 97.17      | 10.80   | ppb   |
| Antimony   | 121-1 | 4.64    | 4.69    | 4.55    | 4.63       | 1.54    | ppb   |
| Arsenic    | 75-2  | 4.48    | 4.68    | 4.16    | 4.44       | 5.97    | ppb   |
| Barium     | 135-1 | 22.31   | 23.27   | 22.64   | 22.74      | 2.15    | ppb   |
| Barium     | 137-1 | 23.51   | 22.61   | 22.84   | 22.99      | 2.05    | ppb   |
| Beryllium  | 9-1   | 4.37    | 4.35    | 4.64    | 4.46       | 3.66    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.27    | 4.73    | 5.30    | 4.77       | 10.84   | ppb   |
| Boron      | 11-1  | 5.96    | 6.09    | 6.25    | 6.10       | 2.43    | ppb   |
| Cadmium    | 111-1 | 4.49    | 4.75    | 4.46    | 4.57       | 3.44    | ppb   |
| Cadmium    | 106-1 | 3.48    | 4.37    | 3.57    | 3.81       | 12.94   | ppb   |
| Cadmium    | 108-1 | 4.24    | 4.57    | 5.34    | 4.71       | 11.97   | ppb   |
| Calcium    | 43-1  | 414.69  | 407.76  | 419.97  | 414.14     | 1.48    | ppb   |
| Calcium    | 44-1  | 434.79  | 439.22  | 434.28  | 436.10     | 0.62    | ppb   |
| Chromium   | 52-2  | 4.39    | 4.50    | 4.62    | 4.50       | 2.47    | ppb   |
| Cobalt     | 59-2  | 4.46    | 4.70    | 4.39    | 4.52       | 3.50    | ppb   |
| Copper     | 63-2  | 8.94    | 8.97    | 8.99    | 8.96       | 0.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 225.53  | 229.99  | 224.54  | 226.69     | 1.28    | ppb   |
| Iron       | 57-2  | 217.24  | 229.00  | 230.31  | 225.52     | 3.19    | ppb   |
| Lead       | 206-1 | 4.38    | 4.49    | 4.33    | 4.40       | 1.84    | ppb   |
| Lead       | 207-1 | 4.35    | 4.49    | 4.35    | 4.39       | 1.83    | ppb   |
| Lead       | 208-1 | 4.42    | 4.46    | 4.38    | 4.42       | 0.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 442.76  | 461.30  | 453.63  | 452.56     | 2.06    | ppb   |
| Manganese  | 55-2  | 9.23    | 8.92    | 9.16    | 9.10       | 1.80    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#12        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#12        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:20:45 | DataFile Name :   | 071SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.37    | 4.30    | 4.32    | 4.33       | 0.86    | ppb   |
| Molybdenum | 95-1  | 4.25    | 4.42    | 4.46    | 4.38       | 2.53    | ppb   |
| Molybdenum | 96-1  | 4.32    | 4.35    | 4.25    | 4.31       | 1.21    | ppb   |
| Molybdenum | 97-1  | 4.31    | 4.35    | 4.24    | 4.30       | 1.26    | ppb   |
| Molybdenum | 98-1  | 4.30    | 4.25    | 4.22    | 4.26       | 1.03    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.52    | 4.65    | 4.39    | 4.52       | 2.89    | ppb   |
| Phosphorus | 31-2  | 70.66   | 118.59  | 178.27  | 122.51     | 44.01   | ppb   |
| Potassium  | 39-2  | 232.68  | 220.04  | 241.66  | 231.46     | 4.69    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 6.00    | 2.93    | 3.00    | 3.98       | 44.09   | ppb   |
| Selenium   | 78-2  | 5.36    | 3.34    | 4.88    | 4.53       | 23.30   | ppb   |
| Selenium   | 82-1  | 5.08    | 5.15    | 5.39    | 5.21       | 3.11    | ppb   |
| Silicon    | 28-1  | -9.75   | -8.04   | -10.34  | -9.38      |         | ppb   |
| Silver     | 109-1 | 4.74    | 4.91    | 4.72    | 4.79       | 2.25    | ppb   |
| Silver     | 107-1 | 4.77    | 4.62    | 4.73    | 4.71       | 1.62    | ppb   |
| Sodium     | 23-2  | 461.86  | 489.42  | 472.40  | 474.56     | 2.93    | ppb   |
| Strontium  | 86-1  | 4.79    | 4.39    | 4.33    | 4.51       | 5.61    | ppb   |
| Strontium  | 88-1  | 4.52    | 4.37    | 4.32    | 4.40       | 2.30    | ppb   |
| Sulfur     | 34-1  | -112.40 | 31.96   | 11.44   | -23.00     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 4.37    | 4.37    | 4.40    | 4.38       | 0.46    | ppb   |
| Thallium   | 205-1 | 4.47    | 4.44    | 4.51    | 4.48       | 0.76    | ppb   |
| Tin        | 118-1 | 4.41    | 4.51    | 4.41    | 4.44       | 1.35    | ppb   |
| Titanium   | 47-1  | 4.46    | 4.56    | 4.43    | 4.48       | 1.59    | ppb   |
| Uranium    | 238-1 | 4.17    | 4.15    | 4.20    | 4.17       | 0.64    | ppb   |
| Vanadium   | 51-2  | 4.40    | 4.61    | 4.68    | 4.56       | 3.10    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.93    | 9.47    | 9.13    | 9.18       | 2.99    | ppb   |
| Zirconium  | 90-1  | 4.38    | 4.35    | 4.38    | 4.37       | 0.39    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#12        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#12        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:20:45 | DataFile Name :   | 071SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.46    | 4.16    | 4.29    | 4.30       | 3.55    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#13        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#13        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:23:57 | DataFile Name :   | 072SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 87.56   | 82.04   | 79.26   | 82.95      | 5.09    | ppb   |
| Antimony   | 121-1 | 4.16    | 4.11    | 4.25    | 4.17       | 1.78    | ppb   |
| Arsenic    | 75-2  | 4.08    | 4.32    | 4.36    | 4.25       | 3.61    | ppb   |
| Barium     | 135-1 | 20.02   | 20.76   | 21.05   | 20.61      | 2.59    | ppb   |
| Barium     | 137-1 | 20.29   | 20.60   | 21.31   | 20.73      | 2.53    | ppb   |
| Beryllium  | 9-1   | 4.30    | 4.15    | 4.16    | 4.20       | 2.06    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.78    | 3.83    | 4.21    | 3.94       | 6.05    | ppb   |
| Boron      | 11-1  | 5.00    | 4.74    | 5.51    | 5.08       | 7.68    | ppb   |
| Cadmium    | 111-1 | 4.29    | 4.02    | 4.22    | 4.18       | 3.43    | ppb   |
| Cadmium    | 106-1 | 3.35    | 2.33    | 4.48    | 3.39       | 31.86   | ppb   |
| Cadmium    | 108-1 | 4.43    | 4.83    | 5.20    | 4.82       | 7.96    | ppb   |
| Calcium    | 43-1  | 381.32  | 382.50  | 411.42  | 391.75     | 4.35    | ppb   |
| Calcium    | 44-1  | 384.83  | 394.88  | 395.36  | 391.69     | 1.52    | ppb   |
| Chromium   | 52-2  | 3.92    | 3.99    | 4.35    | 4.09       | 5.68    | ppb   |
| Cobalt     | 59-2  | 4.05    | 4.00    | 4.13    | 4.06       | 1.56    | ppb   |
| Copper     | 63-2  | 8.22    | 8.04    | 8.22    | 8.16       | 1.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 204.68  | 201.53  | 204.16  | 203.46     | 0.83    | ppb   |
| Iron       | 57-2  | 207.66  | 202.92  | 203.13  | 204.57     | 1.31    | ppb   |
| Lead       | 206-1 | 3.94    | 3.98    | 3.81    | 3.91       | 2.20    | ppb   |
| Lead       | 207-1 | 3.79    | 4.06    | 4.03    | 3.96       | 3.77    | ppb   |
| Lead       | 208-1 | 3.87    | 4.05    | 3.89    | 3.93       | 2.47    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 410.85  | 408.42  | 425.64  | 414.97     | 2.25    | ppb   |
| Manganese  | 55-2  | 8.30    | 8.17    | 8.41    | 8.30       | 1.46    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#13        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#13        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:23:57 | DataFile Name :   | 072SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.99    | 3.87    | 4.03    | 3.96       | 2.04    | ppb   |
| Molybdenum | 95-1  | 3.83    | 4.03    | 4.13    | 4.00       | 3.76    | ppb   |
| Molybdenum | 96-1  | 3.95    | 4.10    | 3.94    | 4.00       | 2.29    | ppb   |
| Molybdenum | 97-1  | 3.88    | 4.16    | 3.89    | 3.97       | 4.02    | ppb   |
| Molybdenum | 98-1  | 3.95    | 3.96    | 4.06    | 3.99       | 1.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.05    | 4.03    | 4.27    | 4.12       | 3.29    | ppb   |
| Phosphorus | 31-2  | 93.86   | 57.17   | 118.30  | 89.78      | 34.27   | ppb   |
| Potassium  | 39-2  | 199.07  | 204.44  | 229.20  | 210.90     | 7.62    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 5.95    | 0.00    | 14.67   | 6.88       | 107.34  | ppb   |
| Selenium   | 78-2  | 2.46    | 2.44    | 4.27    | 3.06       | 34.30   | ppb   |
| Selenium   | 82-1  | 4.11    | 4.34    | 4.36    | 4.27       | 3.33    | ppb   |
| Silicon    | 28-1  | -12.20  | -9.77   | -11.16  | -11.04     |         | ppb   |
| Silver     | 109-1 | 4.13    | 4.27    | 4.32    | 4.24       | 2.38    | ppb   |
| Silver     | 107-1 | 4.22    | 4.34    | 4.45    | 4.33       | 2.65    | ppb   |
| Sodium     | 23-2  | 432.67  | 434.60  | 427.88  | 431.72     | 0.80    | ppb   |
| Strontium  | 86-1  | 4.12    | 4.08    | 4.23    | 4.14       | 1.90    | ppb   |
| Strontium  | 88-1  | 4.03    | 4.03    | 4.13    | 4.06       | 1.47    | ppb   |
| Sulfur     | 34-1  | -236.85 | -20.88  | 99.80   | -52.64     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.90    | 3.96    | 4.09    | 3.98       | 2.52    | ppb   |
| Thallium   | 205-1 | 3.89    | 3.83    | 4.03    | 3.92       | 2.67    | ppb   |
| Tin        | 118-1 | 3.99    | 4.11    | 4.32    | 4.14       | 4.01    | ppb   |
| Titanium   | 47-1  | 3.71    | 4.30    | 3.84    | 3.95       | 7.85    | ppb   |
| Uranium    | 238-1 | 3.72    | 3.82    | 3.77    | 3.77       | 1.27    | ppb   |
| Vanadium   | 51-2  | 4.11    | 4.15    | 4.23    | 4.17       | 1.49    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 9.21    | 8.42    | 8.93    | 8.85       | 4.52    | ppb   |
| Zirconium  | 90-1  | 4.13    | 4.01    | 4.11    | 4.08       | 1.66    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#13        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#13        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:23:57 | DataFile Name :   | 072SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 4.07    | 3.87    | 4.06    | 4.00       | 2.86    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#14        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#14        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:27:08 | DataFile Name :   | 073SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 84.57   | 91.51   | 68.59   | 81.56      | 14.41   | ppb   |
| Antimony   | 121-1 | 4.03    | 4.07    | 3.94    | 4.01       | 1.68    | ppb   |
| Arsenic    | 75-2  | 4.01    | 3.79    | 4.25    | 4.02       | 5.62    | ppb   |
| Barium     | 135-1 | 19.96   | 20.38   | 19.58   | 19.97      | 2.01    | ppb   |
| Barium     | 137-1 | 20.18   | 20.26   | 19.72   | 20.05      | 1.46    | ppb   |
| Beryllium  | 9-1   | 4.09    | 3.89    | 4.05    | 4.01       | 2.60    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.98    | 4.63    | 3.57    | 4.06       | 13.15   | ppb   |
| Boron      | 11-1  | 5.14    | 4.85    | 4.68    | 4.89       | 4.73    | ppb   |
| Cadmium    | 111-1 | 4.06    | 4.13    | 3.88    | 4.02       | 3.23    | ppb   |
| Cadmium    | 106-1 | 3.65    | 2.29    | 1.91    | 2.62       | 34.82   | ppb   |
| Cadmium    | 108-1 | 3.79    | 4.30    | 4.20    | 4.10       | 6.61    | ppb   |
| Calcium    | 43-1  | 377.23  | 332.43  | 368.46  | 359.37     | 6.61    | ppb   |
| Calcium    | 44-1  | 377.71  | 382.49  | 379.76  | 379.99     | 0.63    | ppb   |
| Chromium   | 52-2  | 3.96    | 4.00    | 4.06    | 4.00       | 1.26    | ppb   |
| Cobalt     | 59-2  | 4.19    | 3.99    | 4.03    | 4.07       | 2.56    | ppb   |
| Copper     | 63-2  | 7.97    | 7.98    | 7.82    | 7.92       | 1.10    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 200.45  | 198.01  | 198.30  | 198.92     | 0.67    | ppb   |
| Iron       | 57-2  | 214.65  | 191.83  | 194.77  | 200.42     | 6.19    | ppb   |
| Lead       | 206-1 | 3.79    | 4.02    | 3.88    | 3.90       | 2.91    | ppb   |
| Lead       | 207-1 | 3.90    | 3.98    | 3.80    | 3.89       | 2.42    | ppb   |
| Lead       | 208-1 | 3.83    | 3.95    | 3.81    | 3.86       | 2.00    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 412.51  | 382.94  | 407.74  | 401.06     | 3.96    | ppb   |
| Manganese  | 55-2  | 8.16    | 8.30    | 8.10    | 8.19       | 1.20    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#14        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#14        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:27:08 | DataFile Name :   | 073SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.76    | 3.89    | 3.81    | 3.82       | 1.70    | ppb   |
| Molybdenum | 95-1  | 3.77    | 4.06    | 3.74    | 3.85       | 4.56    | ppb   |
| Molybdenum | 96-1  | 3.70    | 3.93    | 3.77    | 3.80       | 3.11    | ppb   |
| Molybdenum | 97-1  | 3.66    | 3.70    | 3.90    | 3.75       | 3.38    | ppb   |
| Molybdenum | 98-1  | 3.76    | 3.91    | 3.71    | 3.80       | 2.68    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.48    | 4.06    | 4.07    | 4.20       | 5.69    | ppb   |
| Phosphorus | 31-2  | 108.31  | 59.24   | 142.46  | 103.34     | 40.48   | ppb   |
| Potassium  | 39-2  | 205.35  | 205.25  | 191.07  | 200.56     | 4.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 8.91    | 11.98   | 2.96    | 7.95       | 57.71   | ppb   |
| Selenium   | 78-2  | 2.46    | 3.92    | 4.32    | 3.57       | 27.56   | ppb   |
| Selenium   | 82-1  | 4.50    | 3.16    | 3.20    | 3.62       | 21.20   | ppb   |
| Silicon    | 28-1  | -13.08  | -9.93   | -12.74  | -11.92     |         | ppb   |
| Silver     | 109-1 | 4.06    | 4.25    | 3.93    | 4.08       | 3.97    | ppb   |
| Silver     | 107-1 | 4.23    | 4.30    | 4.12    | 4.21       | 2.18    | ppb   |
| Sodium     | 23-2  | 422.34  | 435.50  | 422.09  | 426.64     | 1.80    | ppb   |
| Strontium  | 86-1  | 4.07    | 4.08    | 4.03    | 4.06       | 0.66    | ppb   |
| Strontium  | 88-1  | 3.83    | 3.95    | 3.94    | 3.91       | 1.64    | ppb   |
| Sulfur     | 34-1  | -268.85 | 83.25   | -148.06 | -111.22    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.76    | 3.92    | 3.63    | 3.77       | 3.82    | ppb   |
| Thallium   | 205-1 | 3.87    | 3.96    | 3.80    | 3.88       | 2.07    | ppb   |
| Tin        | 118-1 | 4.12    | 4.20    | 4.01    | 4.11       | 2.39    | ppb   |
| Titanium   | 47-1  | 3.77    | 3.82    | 3.64    | 3.74       | 2.60    | ppb   |
| Uranium    | 238-1 | 3.77    | 3.81    | 3.67    | 3.75       | 1.93    | ppb   |
| Vanadium   | 51-2  | 3.80    | 4.04    | 3.84    | 3.89       | 3.28    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.15    | 8.27    | 8.18    | 8.20       | 0.79    | ppb   |
| Zirconium  | 90-1  | 3.87    | 3.85    | 3.68    | 3.80       | 2.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#14        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#14        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:27:08 | DataFile Name :   | 073SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.70    | 3.80    | 3.73    | 3.74       | 1.39    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBW            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBW            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:30:19 | DataFile Name :   | 074CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.21    | -0.74   | -1.70   | -0.75      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.01    | 0.02       | 53.33   | ppb   |
| Arsenic    | 75-2  | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.05   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.01   | -0.04   | -0.03      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.72    | 0.42    | 1.06    | 1.07       | 61.09   | ppb   |
| Boron      | 11-1  | 1.22    | 1.28    | 1.00    | 1.17       | 12.54   | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.04   | -0.03   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | 0.00    | -0.61   | -0.42   | -0.34      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.06    | 0.06    | 0.04       | 118.32  | ppb   |
| Calcium    | 43-1  | 13.71   | -17.36  | -20.02  | -7.89      |         | ppb   |
| Calcium    | 44-1  | -4.53   | -5.24   | -7.70   | -5.83      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.04   | 0.07    | 0.01       | 467.29  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.26    | 0.16    | 0.07    | 0.16       | 56.93   | ppb   |
| Iron       | 57-2  | 0.41    | -0.60   | 0.37    | 0.06       | 980.38  | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.02    | 0.01       | 195.21  | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.01    | 0.01       | 110.39  | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.42   | 1.18    | 0.27    | 0.34       | 232.97  | ppb   |
| Manganese  | 55-2  | 0.08    | 0.13    | 0.02    | 0.07       | 72.48   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBW            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBW            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:30:19 | DataFile Name :   | 074CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | 29651.59 | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.04   | -0.03   | -0.03      |          | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | -0.02   | -0.02      |          | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | -0.03   | -0.01   | -0.05   | -0.03      |          | ppb   |
| Phosphorus | 31-2  | 93.36   | 23.27   | -0.11   | 38.84      | 125.23   | ppb   |
| Potassium  | 39-2  | -6.30   | 10.75   | 7.68    | 4.05       | 224.66   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |          | %     |
| Rhodium    | 103-2 |         |         |         |            |          | %     |
| Scandium   | 45-1  |         |         |         |            |          | %     |
| Scandium   | 45-2  |         |         |         |            |          | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A      | ppb   |
| Selenium   | 78-2  | -1.80   | -0.38   | -1.33   | -1.17      |          | ppb   |
| Selenium   | 82-1  | 0.62    | 0.68    | -0.58   | 0.24       | 292.61   | ppb   |
| Silicon    | 28-1  | -14.44  | -17.00  | -17.06  | -16.17     |          | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.34    | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.00       | 120.72   | ppb   |
| Sodium     | 23-2  | 21.74   | 23.86   | 26.72   | 24.11      | 10.35    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.11    | 0.04    | 0.07       | 48.45    | ppb   |
| Strontium  | 88-1  | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Sulfur     | 34-1  | 25.59   | -119.03 | -60.69  | -51.38     |          | ppb   |
| Terbium    | 159-1 |         |         |         |            |          | %     |
| Terbium    | 159-2 |         |         |         |            |          | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.00       | 283.09   | ppb   |
| Thallium   | 205-1 | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.01    | 0.00       | 215.00   | ppb   |
| Titanium   | 47-1  | -0.03   | 0.02    | -0.06   | -0.02      |          | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.01   | -0.02      |          | ppb   |
| Yttrium    | 89-1  |         |         |         |            |          | %     |
| Yttrium    | 89-2  |         |         |         |            |          | %     |
| Zinc       | 66-2  | -0.07   | 0.01    | -0.03   | -0.03      |          | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.00    | 0.01       | 87.58    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBW            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBW            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:30:19 | DataFile Name :   | 074CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|-----------|------|---------|---------|---------|------------|----------|-------|
| Zirconium | 91-1 | 0.01    | -0.01   | 0.00    | 0.00       | 20980.36 | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.74   | 0.29    | -1.74   | -0.73      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.00       | 161.51  | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Barium     | 135-1 | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.82   | -0.40   | -0.52   | -0.58      |         | ppb   |
| Boron      | 11-1  | -0.43   | 0.12    | -0.22   | -0.18      |         | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.07   | -0.07   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.93   | -1.01   | -0.90   | -0.95      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | -0.01   | 0.06    | 0.05       | 117.57  | ppb   |
| Calcium    | 43-1  | 10.91   | -25.81  | -18.52  | -11.14     |         | ppb   |
| Calcium    | 44-1  | -5.21   | -9.49   | -8.99   | -7.90      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.00    | -0.08   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 79.74   | ppb   |
| Copper     | 63-2  | -0.05   | -0.08   | -0.04   | -0.05      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | -0.07   | 0.16    | 0.21    | 0.10       | 146.66  | ppb   |
| Iron       | 57-2  | 0.75    | 1.40    | -1.20   | 0.32       | 428.91  | ppb   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.01    | 0.00       | 4687.10 | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.02    | 0.01       | 148.13  | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.59   | 0.24    | -0.43   | -0.26      |         | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.04    | 0.01       | 243.02  | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.05   | -0.06   | -0.06   | -0.06      |         | ppb   |
| Phosphorus | 31-2  | 35.20   | 11.83   | 11.13   | 19.38      | 70.66   | ppb   |
| Potassium  | 39-2  | 8.02    | 8.26    | 3.37    | 6.55       | 42.11   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 2.97    | 0.99       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.85   | -0.37   | 0.56    | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.31    | -0.16   | 0.93    | 0.36       | 152.12  | ppb   |
| Silicon    | 28-1  | -15.78  | -15.29  | -15.13  | -15.40     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 101.20  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 287.53  | ppb   |
| Sodium     | 23-2  | 18.34   | 16.72   | 18.34   | 17.80      | 5.24    | ppb   |
| Strontium  | 86-1  | 0.08    | 0.07    | 0.03    | 0.06       | 44.79   | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -139.05 | 49.09   | 55.29   | -11.56     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | -0.08   | -0.05   | 0.01    | -0.04      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.01   | -0.24   | -0.04   | -0.10      |         | ppb   |
| Zirconium  | 90-1  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

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

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.73   | 0.32    | 1.17    | 0.25       | 376.59  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 62.05   | ppb   |
| Arsenic    | 75-2  | -0.06   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.36   | -1.02   | -0.89   | -0.75      |         | ppb   |
| Boron      | 11-1  | -0.07   | 0.02    | 0.04    | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.02   | -0.06   | -0.09   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -0.25   | -0.82   | -1.25   | -0.78      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.01   | -0.05   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -8.29   | -8.42   | -22.08  | -12.93     |         | ppb   |
| Calcium    | 44-1  | -17.44  | -13.21  | -8.85   | -13.17     |         | ppb   |
| Chromium   | 52-2  | 0.04    | -0.08   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.21    | 0.71    | 0.16    | 0.36       | 85.86   | ppb   |
| Iron       | 57-2  | -0.56   | -0.74   | -1.21   | -0.84      |         | ppb   |
| Lead       | 206-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | 0.00    | 0.00       | 115.57  | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.18   | -0.54   | -0.43   | -0.38      |         | ppb   |
| Manganese  | 55-2  | 0.05    | 0.05    | 0.07    | 0.06       | 17.49   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.05   | -0.05   | -0.03   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | -0.34   | 12.03   | -12.27  | -0.19      |         | ppb   |
| Potassium  | 39-2  | 10.72   | 25.06   | -0.39   | 11.80      | 108.18  | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.33   | -0.86   | -1.80   | -1.33      |         | ppb   |
| Selenium   | 82-1  | 0.20    | 0.88    | 0.87    | 0.65       | 59.72   | ppb   |
| Silicon    | 28-1  | -17.40  | -13.97  | -15.06  | -15.48     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.00       | 118.53  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.30   | 14.75   | 13.76   | 14.60      | 5.35    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.01    | 0.02    | 0.04       | 110.97  | ppb   |
| Strontium  | 88-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 105.11  | 354.97  | 437.97  | 299.35     | 57.88   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | -0.01   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | -0.13   | -0.11   | -0.03   | -0.09      |         | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | -0.02   | 0.00    | 0.00       | 1320.91 | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9698.10  | 9832.73  | 10043.85 | 9858.23    | 1.77    | ppb   |
| Antimony   | 121-1 | 508.13   | 499.31   | 508.17   | 505.20     | 1.01    | ppb   |
| Arsenic    | 75-2  | 492.75   | 501.52   | 520.48   | 504.92     | 2.81    | ppb   |
| Barium     | 135-1 | 2546.84  | 2496.16  | 2541.82  | 2528.27    | 1.10    | ppb   |
| Barium     | 137-1 | 2504.66  | 2460.79  | 2534.17  | 2499.88    | 1.48    | ppb   |
| Beryllium  | 9-1   | 501.34   | 487.47   | 495.41   | 494.74     | 1.41    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 477.92   | 480.07   | 484.53   | 480.84     | 0.70    | ppb   |
| Boron      | 11-1  | 478.31   | 483.72   | 489.57   | 483.87     | 1.16    | ppb   |
| Cadmium    | 111-1 | 496.96   | 486.92   | 492.91   | 492.26     | 1.03    | ppb   |
| Cadmium    | 106-1 | 501.61   | 492.39   | 512.96   | 502.32     | 2.05    | ppb   |
| Cadmium    | 108-1 | 502.55   | 486.70   | 499.56   | 496.27     | 1.70    | ppb   |
| Calcium    | 43-1  | 46395.50 | 47536.49 | 46958.59 | 46963.53   | 1.21    | ppb   |
| Calcium    | 44-1  | 46935.55 | 47632.61 | 47670.65 | 47412.94   | 0.87    | ppb   |
| Chromium   | 52-2  | 492.61   | 496.56   | 518.11   | 502.43     | 2.73    | ppb   |
| Cobalt     | 59-2  | 486.42   | 490.69   | 513.15   | 496.75     | 2.89    | ppb   |
| Copper     | 63-2  | 1006.39  | 1011.06  | 1057.70  | 1025.05    | 2.77    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 24943.70 | 25044.00 | 25916.51 | 25301.40   | 2.11    | ppb   |
| Iron       | 57-2  | 24865.40 | 25155.64 | 25930.94 | 25317.33   | 2.18    | ppb   |
| Lead       | 206-1 | 490.77   | 497.11   | 507.86   | 498.58     | 1.73    | ppb   |
| Lead       | 207-1 | 476.29   | 483.34   | 492.97   | 484.20     | 1.73    | ppb   |
| Lead       | 208-1 | 489.35   | 498.76   | 502.25   | 496.79     | 1.34    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 49632.93 | 49722.00 | 52822.70 | 50725.88   | 3.58    | ppb   |
| Manganese  | 55-2  | 1003.31  | 1015.36  | 1055.96  | 1024.88    | 2.69    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 502.41   | 499.53   | 503.91   | 501.95     | 0.44    | ppb   |
| Molybdenum | 95-1  | 490.17   | 498.67   | 501.47   | 496.77     | 1.18    | ppb   |
| Molybdenum | 96-1  | 493.64   | 499.96   | 505.72   | 499.77     | 1.21    | ppb   |
| Molybdenum | 97-1  | 472.29   | 478.96   | 479.93   | 477.06     | 0.87    | ppb   |
| Molybdenum | 98-1  | 487.28   | 501.25   | 502.03   | 496.85     | 1.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 494.38   | 501.62   | 516.07   | 504.02     | 2.19    | ppb   |
| Phosphorus | 31-2  | 9686.17  | 9651.65  | 10327.23 | 9888.35    | 3.85    | ppb   |
| Potassium  | 39-2  | 24564.51 | 24699.86 | 25685.98 | 24983.45   | 2.45    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 510.64   | 497.25   | 457.62   | 488.51     | 5.64    | ppb   |
| Selenium   | 78-2  | 480.30   | 494.61   | 515.53   | 496.81     | 3.57    | ppb   |
| Selenium   | 82-1  | 485.53   | 494.85   | 493.07   | 491.15     | 1.01    | ppb   |
| Silicon    | 28-1  | 489.22   | 506.80   | 503.06   | 499.70     | 1.85    | ppb   |
| Silver     | 109-1 | 512.44   | 497.82   | 515.14   | 508.47     | 1.83    | ppb   |
| Silver     | 107-1 | 511.66   | 509.46   | 514.41   | 511.85     | 0.48    | ppb   |
| Sodium     | 23-2  | 49828.52 | 49849.20 | 51902.52 | 50526.75   | 2.36    | ppb   |
| Strontium  | 86-1  | 480.06   | 484.24   | 487.69   | 484.00     | 0.79    | ppb   |
| Strontium  | 88-1  | 489.32   | 496.45   | 497.78   | 494.52     | 0.92    | ppb   |
| Sulfur     | 34-1  | 9813.43  | 10294.90 | 9991.49  | 10033.27   | 2.43    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 492.14   | 500.35   | 507.05   | 499.85     | 1.49    | ppb   |
| Thallium   | 205-1 | 504.46   | 504.38   | 508.26   | 505.70     | 0.44    | ppb   |
| Tin        | 118-1 | 507.86   | 503.76   | 506.14   | 505.92     | 0.41    | ppb   |
| Titanium   | 47-1  | 472.94   | 487.96   | 487.49   | 482.80     | 1.77    | ppb   |
| Uranium    | 238-1 | 489.89   | 498.77   | 490.65   | 493.10     | 1.00    | ppb   |
| Vanadium   | 51-2  | 492.49   | 501.17   | 518.22   | 503.96     | 2.60    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 983.15   | 975.88   | 1035.93  | 998.32     | 3.28    | ppb   |
| Zirconium  | 90-1  | 493.80   | 499.70   | 509.65   | 501.05     | 1.60    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 482.46  | 488.41  | 487.88  | 486.25     | 0.68    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50396.21  | 50464.31  | 51162.43  | 50674.32   | 0.84    | ppb   |
| Antimony   | 121-1 | 503.95    | 498.70    | 506.09    | 502.92     | 0.76    | ppb   |
| Arsenic    | 75-2  | 489.06    | 497.42    | 498.73    | 495.07     | 1.06    | ppb   |
| Barium     | 135-1 | 2567.60   | 2510.28   | 2545.94   | 2541.27    | 1.14    | ppb   |
| Barium     | 137-1 | 2529.03   | 2498.06   | 2544.32   | 2523.81    | 0.93    | ppb   |
| Beryllium  | 9-1   | 509.21    | 499.39    | 497.54    | 502.05     | 1.25    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 513.73    | 503.79    | 521.85    | 513.13     | 1.76    | ppb   |
| Boron      | 11-1  | 518.11    | 511.31    | 522.40    | 517.27     | 1.08    | ppb   |
| Cadmium    | 111-1 | 488.30    | 482.90    | 488.44    | 486.55     | 0.65    | ppb   |
| Cadmium    | 106-1 | 495.65    | 490.91    | 490.99    | 492.52     | 0.55    | ppb   |
| Cadmium    | 108-1 | 491.40    | 488.13    | 497.28    | 492.27     | 0.94    | ppb   |
| Calcium    | 43-1  | 236957.38 | 238260.38 | 236133.01 | 237116.92  | 0.45    | ppb   |
| Calcium    | 44-1  | 238647.89 | 240636.28 | 237907.03 | 239063.73  | 0.59    | ppb   |
| Chromium   | 52-2  | 512.71    | 510.92    | 517.39    | 513.67     | 0.65    | ppb   |
| Cobalt     | 59-2  | 486.41    | 482.11    | 487.47    | 485.33     | 0.58    | ppb   |
| Copper     | 63-2  | 990.91    | 974.78    | 977.66    | 981.12     | 0.88    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 120432.53 | 119332.63 | 121253.37 | 120339.51  | 0.80    | ppb   |
| Iron       | 57-2  | 123951.08 | 123275.80 | 122148.60 | 123125.16  | 0.74    | ppb   |
| Lead       | 206-1 | 517.57    | 505.94    | 519.15    | 514.22     | 1.40    | ppb   |
| Lead       | 207-1 | 499.81    | 486.41    | 497.07    | 494.43     | 1.43    | ppb   |
| Lead       | 208-1 | 511.92    | 505.55    | 512.09    | 509.85     | 0.73    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 247346.29 | 245820.25 | 249869.55 | 247678.70  | 0.83    | ppb   |
| Manganese  | 55-2  | 1010.79   | 1006.21   | 1017.42   | 1011.47    | 0.56    | ppb   |



|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 525.29    | 514.82    | 506.79    | 515.63     | 1.80    | ppb   |
| Molybdenum | 95-1  | 505.66    | 509.06    | 493.72    | 502.82     | 1.60    | ppb   |
| Molybdenum | 96-1  | 517.13    | 501.66    | 501.24    | 506.68     | 1.79    | ppb   |
| Molybdenum | 97-1  | 488.82    | 483.57    | 478.51    | 483.63     | 1.07    | ppb   |
| Molybdenum | 98-1  | 510.43    | 503.49    | 503.01    | 505.64     | 0.82    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 494.27    | 490.21    | 498.62    | 494.37     | 0.85    | ppb   |
| Phosphorus | 31-2  | 10530.14  | 9489.29   | 10304.85  | 10108.09   | 5.42    | ppb   |
| Potassium  | 39-2  | 125313.36 | 125603.06 | 126516.05 | 125810.82  | 0.50    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 481.43    | 540.76    | 444.03    | 488.74     | 9.98    | ppb   |
| Selenium   | 78-2  | 507.57    | 508.08    | 484.05    | 499.90     | 2.75    | ppb   |
| Selenium   | 82-1  | 494.56    | 485.90    | 482.04    | 487.50     | 1.32    | ppb   |
| Silicon    | 28-1  | 514.12    | 508.43    | 510.95    | 511.16     | 0.56    | ppb   |
| Silver     | 109-1 | 505.39    | 501.05    | 506.35    | 504.26     | 0.56    | ppb   |
| Silver     | 107-1 | 501.97    | 494.49    | 501.49    | 499.32     | 0.84    | ppb   |
| Sodium     | 23-2  | 246572.03 | 246098.82 | 248475.43 | 247048.76  | 0.51    | ppb   |
| Strontium  | 86-1  | 504.68    | 504.12    | 496.93    | 501.91     | 0.86    | ppb   |
| Strontium  | 88-1  | 516.31    | 508.67    | 507.97    | 510.98     | 0.90    | ppb   |
| Sulfur     | 34-1  | 10002.13  | 10215.33  | 10015.83  | 10077.76   | 1.18    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 514.80    | 509.77    | 528.43    | 517.67     | 1.87    | ppb   |
| Thallium   | 205-1 | 513.81    | 511.52    | 522.11    | 515.81     | 1.08    | ppb   |
| Tin        | 118-1 | 509.98    | 501.16    | 512.48    | 507.87     | 1.17    | ppb   |
| Titanium   | 47-1  | 494.52    | 493.10    | 490.73    | 492.78     | 0.39    | ppb   |
| Uranium    | 238-1 | 515.77    | 517.77    | 515.09    | 516.21     | 0.27    | ppb   |
| Vanadium   | 51-2  | 503.36    | 503.12    | 508.46    | 504.98     | 0.60    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 969.60    | 964.43    | 971.45    | 968.49     | 0.38    | ppb   |
| Zirconium  | 90-1  | 517.76    | 518.37    | 508.72    | 514.95     | 1.05    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 504.23  | 497.92  | 496.06  | 499.40     | 0.86    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.24    | -0.73   | -1.73   | -0.74      |         | ppb   |
| Antimony   | 121-1 | 0.04    | 0.03    | 0.03    | 0.03       | 16.29   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Barium     | 137-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.27    | 1.72    | 1.32    | 1.77       | 26.79   | ppb   |
| Boron      | 11-1  | 2.73    | 2.87    | 3.10    | 2.90       | 6.55    | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.09   | -0.02   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.24   | -1.26   | -0.46   | -0.98      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | -0.01   | -0.01   | 0.02       | 264.94  | ppb   |
| Calcium    | 43-1  | -5.87   | -1.41   | -7.48   | -4.92      |         | ppb   |
| Calcium    | 44-1  | -10.20  | 0.85    | 5.00    | -1.45      |         | ppb   |
| Chromium   | 52-2  | -0.06   | -0.06   | -0.07   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 1574.12 | ppb   |
| Copper     | 63-2  | -0.07   | -0.04   | -0.04   | -0.05      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.14    | 0.17    | 0.10    | 0.14       | 26.98   | ppb   |
| Iron       | 57-2  | -1.14   | -0.83   | -1.96   | -1.31      |         | ppb   |
| Lead       | 206-1 | 0.02    | 0.06    | 0.02    | 0.03       | 61.80   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.03    | 0.03       | 21.33   | ppb   |
| Lead       | 208-1 | 0.01    | 0.02    | 0.02    | 0.02       | 26.15   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.59    | 0.02    | 0.77    | 0.46       | 85.59   | ppb   |
| Manganese  | 55-2  | 0.11    | 0.14    | 0.03    | 0.09       | 59.31   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00    | 0.01    | 0.02    | 0.01       | 69.57   | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.03   | 0.01    | -0.06   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -0.43   | -12.27  | 23.15   | 3.48       | 517.67  | ppb   |
| Potassium  | 39-2  | 13.49   | 29.99   | 11.11   | 18.20      | 56.49   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.57    | 1.03    | -0.38   | 0.41       | 175.72  | ppb   |
| Selenium   | 82-1  | 0.86    | 0.10    | 0.55    | 0.50       | 75.41   | ppb   |
| Silicon    | 28-1  | -17.39  | -16.53  | -6.25   | -13.39     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 19.60   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.02    | 0.01       | 30.54   | ppb   |
| Sodium     | 23-2  | 29.07   | 28.01   | 30.11   | 29.06      | 3.61    | ppb   |
| Strontium  | 86-1  | 0.08    | 0.10    | 0.09    | 0.09       | 10.76   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 67.79   | 372.47  | 1115.03 | 518.43     | 103.90  | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.01    | 0.01       | 64.85   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.01       | 60.41   | ppb   |
| Tin        | 118-1 | 0.10    | 0.02    | 0.04    | 0.05       | 71.47   | ppb   |
| Titanium   | 47-1  | -0.02   | -0.06   | 0.03    | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.29    | 0.25    | 0.10    | 0.21       | 46.86   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.00    | 0.00    | 0.01       | 88.68   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 82.55   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 81.84   | 95.94   | 74.88   | 84.22      | 12.74   | ppb   |
| Antimony   | 121-1 | 4.13    | 3.96    | 4.04    | 4.04       | 2.04    | ppb   |
| Arsenic    | 75-2  | 4.00    | 4.22    | 4.17    | 4.13       | 2.85    | ppb   |
| Barium     | 135-1 | 20.05   | 19.93   | 20.60   | 20.19      | 1.77    | ppb   |
| Barium     | 137-1 | 20.05   | 20.51   | 20.30   | 20.29      | 1.15    | ppb   |
| Beryllium  | 9-1   | 3.80    | 3.79    | 3.81    | 3.80       | 0.27    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.83    | 5.92    | 5.73    | 5.49       | 10.60   | ppb   |
| Boron      | 11-1  | 5.79    | 5.49    | 6.00    | 5.76       | 4.44    | ppb   |
| Cadmium    | 111-1 | 3.96    | 4.17    | 3.96    | 4.03       | 3.04    | ppb   |
| Cadmium    | 106-1 | 2.81    | 4.56    | 2.60    | 3.32       | 32.37   | ppb   |
| Cadmium    | 108-1 | 3.88    | 4.79    | 4.47    | 4.38       | 10.54   | ppb   |
| Calcium    | 43-1  | 373.77  | 353.62  | 365.24  | 364.21     | 2.78    | ppb   |
| Calcium    | 44-1  | 374.50  | 372.73  | 376.45  | 374.56     | 0.50    | ppb   |
| Chromium   | 52-2  | 3.99    | 3.93    | 3.98    | 3.97       | 0.87    | ppb   |
| Cobalt     | 59-2  | 4.02    | 3.97    | 3.90    | 3.96       | 1.57    | ppb   |
| Copper     | 63-2  | 7.85    | 7.99    | 7.56    | 7.80       | 2.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 197.41  | 197.68  | 196.58  | 197.22     | 0.29    | ppb   |
| Iron       | 57-2  | 208.15  | 185.91  | 217.52  | 203.86     | 7.97    | ppb   |
| Lead       | 206-1 | 3.76    | 3.89    | 3.75    | 3.80       | 2.01    | ppb   |
| Lead       | 207-1 | 3.75    | 3.82    | 3.85    | 3.81       | 1.40    | ppb   |
| Lead       | 208-1 | 3.79    | 3.87    | 3.78    | 3.81       | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 399.80  | 400.58  | 373.89  | 391.42     | 3.88    | ppb   |
| Manganese  | 55-2  | 8.10    | 8.37    | 8.24    | 8.24       | 1.65    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.83    | 3.79    | 3.98    | 3.87       | 2.71    | ppb   |
| Molybdenum | 95-1  | 4.01    | 3.75    | 3.92    | 3.89       | 3.30    | ppb   |
| Molybdenum | 96-1  | 3.77    | 3.91    | 3.80    | 3.83       | 2.01    | ppb   |
| Molybdenum | 97-1  | 3.88    | 3.91    | 3.69    | 3.82       | 3.15    | ppb   |
| Molybdenum | 98-1  | 3.85    | 3.64    | 3.82    | 3.77       | 3.01    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.09    | 4.07    | 3.89    | 4.02       | 2.65    | ppb   |
| Phosphorus | 31-2  | 131.19  | 58.16   | 34.94   | 74.77      | 67.18   | ppb   |
| Potassium  | 39-2  | 230.67  | 215.15  | 216.27  | 220.70     | 3.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 21.08   | 0.00    | 2.98    | 8.02       | 142.21  | ppb   |
| Selenium   | 78-2  | 0.60    | 2.90    | 2.00    | 1.83       | 63.33   | ppb   |
| Selenium   | 82-1  | 3.59    | 3.80    | 4.31    | 3.90       | 9.52    | ppb   |
| Silicon    | 28-1  | -12.16  | -12.23  | -11.28  | -11.89     |         | ppb   |
| Silver     | 109-1 | 4.07    | 4.07    | 4.11    | 4.09       | 0.63    | ppb   |
| Silver     | 107-1 | 4.13    | 4.08    | 4.26    | 4.16       | 2.26    | ppb   |
| Sodium     | 23-2  | 428.18  | 416.49  | 411.45  | 418.71     | 2.05    | ppb   |
| Strontium  | 86-1  | 3.97    | 3.72    | 4.03    | 3.91       | 4.22    | ppb   |
| Strontium  | 88-1  | 3.84    | 3.93    | 3.83    | 3.86       | 1.41    | ppb   |
| Sulfur     | 34-1  | 407.94  | 290.10  | 354.23  | 350.76     | 16.82   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.71    | 3.92    | 3.77    | 3.80       | 2.92    | ppb   |
| Thallium   | 205-1 | 3.72    | 3.93    | 3.83    | 3.83       | 2.72    | ppb   |
| Tin        | 118-1 | 4.00    | 3.83    | 4.15    | 4.00       | 3.96    | ppb   |
| Titanium   | 47-1  | 3.71    | 3.87    | 3.79    | 3.79       | 2.17    | ppb   |
| Uranium    | 238-1 | 3.60    | 3.73    | 3.65    | 3.66       | 1.71    | ppb   |
| Vanadium   | 51-2  | 4.12    | 3.99    | 4.12    | 4.08       | 1.90    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.85    | 8.16    | 6.98    | 7.66       | 7.95    | ppb   |
| Zirconium  | 90-1  | 3.80    | 3.83    | 3.74    | 3.79       | 1.11    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.72    | 3.81    | 3.70    | 3.74       | 1.53    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 96.51   | 83.78   | 87.20   | 89.16      | 7.39    | ppb   |
| Antimony   | 121-1 | 4.05    | 3.88    | 3.99    | 3.97       | 2.19    | ppb   |
| Arsenic    | 75-2  | 3.92    | 3.95    | 3.97    | 3.95       | 0.73    | ppb   |
| Barium     | 135-1 | 20.74   | 19.99   | 20.07   | 20.27      | 2.04    | ppb   |
| Barium     | 137-1 | 20.49   | 20.23   | 19.40   | 20.04      | 2.86    | ppb   |
| Beryllium  | 9-1   | 4.40    | 3.91    | 3.89    | 4.07       | 7.02    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.15    | 4.86    | 4.35    | 5.12       | 18.02   | ppb   |
| Boron      | 11-1  | 5.52    | 5.64    | 5.55    | 5.57       | 1.18    | ppb   |
| Cadmium    | 111-1 | 4.09    | 3.91    | 3.97    | 3.99       | 2.29    | ppb   |
| Cadmium    | 106-1 | 1.90    | 3.37    | 3.46    | 2.91       | 30.19   | ppb   |
| Cadmium    | 108-1 | 5.01    | 4.14    | 3.91    | 4.36       | 13.31   | ppb   |
| Calcium    | 43-1  | 406.01  | 355.14  | 366.10  | 375.75     | 7.13    | ppb   |
| Calcium    | 44-1  | 385.61  | 375.57  | 368.75  | 376.65     | 2.25    | ppb   |
| Chromium   | 52-2  | 3.94    | 4.04    | 3.85    | 3.94       | 2.49    | ppb   |
| Cobalt     | 59-2  | 4.13    | 3.98    | 3.99    | 4.03       | 2.02    | ppb   |
| Copper     | 63-2  | 8.13    | 8.20    | 8.13    | 8.15       | 0.46    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 204.04  | 200.74  | 201.58  | 202.12     | 0.85    | ppb   |
| Iron       | 57-2  | 211.43  | 210.80  | 199.82  | 207.35     | 3.15    | ppb   |
| Lead       | 206-1 | 3.91    | 3.95    | 3.68    | 3.85       | 3.73    | ppb   |
| Lead       | 207-1 | 4.02    | 3.98    | 3.83    | 3.95       | 2.47    | ppb   |
| Lead       | 208-1 | 3.93    | 3.90    | 3.77    | 3.87       | 2.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 399.71  | 401.64  | 408.36  | 403.24     | 1.13    | ppb   |
| Manganese  | 55-2  | 8.55    | 8.27    | 8.52    | 8.45       | 1.82    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.92    | 3.70    | 3.83    | 3.82       | 2.78    | ppb   |
| Molybdenum | 95-1  | 3.98    | 3.89    | 3.84    | 3.90       | 1.85    | ppb   |
| Molybdenum | 96-1  | 3.72    | 3.86    | 3.86    | 3.81       | 2.05    | ppb   |
| Molybdenum | 97-1  | 4.04    | 3.95    | 3.68    | 3.89       | 4.87    | ppb   |
| Molybdenum | 98-1  | 3.90    | 3.70    | 3.69    | 3.76       | 3.27    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.31    | 4.19    | 3.97    | 4.16       | 4.17    | ppb   |
| Phosphorus | 31-2  | 158.09  | 144.87  | 119.80  | 140.92     | 13.80   | ppb   |
| Potassium  | 39-2  | 219.79  | 219.78  | 215.19  | 218.25     | 1.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.99    | 23.96   | 3.00    | 9.98       | 121.20  | ppb   |
| Selenium   | 78-2  | 0.58    | 3.44    | 3.46    | 2.49       | 66.33   | ppb   |
| Selenium   | 82-1  | 4.43    | 4.02    | 4.83    | 4.43       | 9.15    | ppb   |
| Silicon    | 28-1  | -6.43   | -12.22  | -9.95   | -9.54      |         | ppb   |
| Silver     | 109-1 | 4.31    | 4.12    | 4.00    | 4.14       | 3.80    | ppb   |
| Silver     | 107-1 | 4.45    | 4.16    | 4.13    | 4.25       | 4.19    | ppb   |
| Sodium     | 23-2  | 434.09  | 434.15  | 427.54  | 431.93     | 0.88    | ppb   |
| Strontium  | 86-1  | 4.12    | 4.05    | 3.70    | 3.96       | 5.64    | ppb   |
| Strontium  | 88-1  | 4.06    | 3.93    | 3.96    | 3.98       | 1.64    | ppb   |
| Sulfur     | 34-1  | 626.88  | 354.24  | 426.58  | 469.23     | 30.10   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.90    | 3.81    | 3.84    | 3.85       | 1.15    | ppb   |
| Thallium   | 205-1 | 4.00    | 3.75    | 3.75    | 3.83       | 3.78    | ppb   |
| Tin        | 118-1 | 4.26    | 4.00    | 4.01    | 4.09       | 3.55    | ppb   |
| Titanium   | 47-1  | 3.63    | 4.10    | 3.71    | 3.81       | 6.64    | ppb   |
| Uranium    | 238-1 | 3.84    | 3.72    | 3.63    | 3.73       | 2.82    | ppb   |
| Vanadium   | 51-2  | 3.83    | 3.99    | 3.96    | 3.93       | 2.18    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.90    | 8.30    | 8.72    | 8.64       | 3.60    | ppb   |
| Zirconium  | 90-1  | 3.97    | 3.79    | 3.95    | 3.90       | 2.54    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.93    | 3.62    | 3.66    | 3.74       | 4.61    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 79.90   | 84.33   | 77.32   | 80.52      | 4.40    | ppb   |
| Antimony   | 121-1 | 3.95    | 4.04    | 4.01    | 4.00       | 1.12    | ppb   |
| Arsenic    | 75-2  | 4.31    | 3.94    | 3.76    | 4.00       | 7.02    | ppb   |
| Barium     | 135-1 | 20.74   | 19.88   | 19.71   | 20.11      | 2.76    | ppb   |
| Barium     | 137-1 | 19.66   | 20.23   | 19.97   | 19.95      | 1.45    | ppb   |
| Beryllium  | 9-1   | 3.97    | 3.92    | 4.07    | 3.99       | 1.91    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.43    | 4.71    | 3.97    | 3.70       | 31.34   | ppb   |
| Boron      | 11-1  | 5.64    | 5.08    | 5.50    | 5.41       | 5.37    | ppb   |
| Cadmium    | 111-1 | 4.05    | 3.99    | 3.96    | 4.00       | 1.14    | ppb   |
| Cadmium    | 106-1 | 5.20    | 2.80    | 2.78    | 3.59       | 38.69   | ppb   |
| Cadmium    | 108-1 | 3.74    | 3.96    | 4.08    | 3.93       | 4.46    | ppb   |
| Calcium    | 43-1  | 373.12  | 327.20  | 374.92  | 358.41     | 7.55    | ppb   |
| Calcium    | 44-1  | 371.77  | 378.66  | 377.16  | 375.86     | 0.96    | ppb   |
| Chromium   | 52-2  | 3.99    | 3.97    | 3.91    | 3.96       | 1.14    | ppb   |
| Cobalt     | 59-2  | 3.86    | 4.15    | 3.94    | 3.98       | 3.67    | ppb   |
| Copper     | 63-2  | 7.93    | 8.09    | 7.73    | 7.92       | 2.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 200.67  | 201.30  | 197.21  | 199.73     | 1.10    | ppb   |
| Iron       | 57-2  | 205.31  | 208.30  | 215.90  | 209.83     | 2.60    | ppb   |
| Lead       | 206-1 | 3.86    | 3.86    | 3.76    | 3.83       | 1.45    | ppb   |
| Lead       | 207-1 | 3.91    | 3.84    | 3.96    | 3.90       | 1.46    | ppb   |
| Lead       | 208-1 | 3.88    | 3.86    | 3.90    | 3.88       | 0.56    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 409.24  | 426.90  | 395.93  | 410.69     | 3.78    | ppb   |
| Manganese  | 55-2  | 8.56    | 8.73    | 7.74    | 8.34       | 6.31    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.91    | 3.79    | 3.80    | 3.83       | 1.83    | ppb   |
| Molybdenum | 95-1  | 3.86    | 3.77    | 3.84    | 3.82       | 1.29    | ppb   |
| Molybdenum | 96-1  | 3.82    | 3.84    | 3.98    | 3.88       | 2.13    | ppb   |
| Molybdenum | 97-1  | 3.82    | 3.73    | 3.86    | 3.80       | 1.86    | ppb   |
| Molybdenum | 98-1  | 3.68    | 3.76    | 3.81    | 3.75       | 1.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.11    | 4.10    | 4.25    | 4.15       | 2.01    | ppb   |
| Phosphorus | 31-2  | 47.54   | 85.04   | 142.11  | 91.56      | 52.01   | ppb   |
| Potassium  | 39-2  | 210.49  | 211.57  | 197.87  | 206.64     | 3.69    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 8.94    | 0.00    | 8.99    | 5.98       | 86.60   | ppb   |
| Selenium   | 78-2  | 1.04    | 6.78    | 3.92    | 3.92       | 73.25   | ppb   |
| Selenium   | 82-1  | 3.73    | 3.75    | 4.65    | 4.04       | 12.95   | ppb   |
| Silicon    | 28-1  | -10.99  | -10.21  | -11.18  | -10.80     |         | ppb   |
| Silver     | 109-1 | 4.09    | 4.23    | 4.13    | 4.15       | 1.70    | ppb   |
| Silver     | 107-1 | 4.16    | 4.14    | 4.08    | 4.13       | 1.03    | ppb   |
| Sodium     | 23-2  | 431.15  | 421.52  | 404.44  | 419.04     | 3.23    | ppb   |
| Strontium  | 86-1  | 3.91    | 4.14    | 3.78    | 3.94       | 4.68    | ppb   |
| Strontium  | 88-1  | 3.83    | 3.91    | 3.83    | 3.86       | 1.21    | ppb   |
| Sulfur     | 34-1  | 189.10  | 360.36  | 454.50  | 334.65     | 40.21   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.84    | 3.89    | 3.79    | 3.84       | 1.27    | ppb   |
| Thallium   | 205-1 | 3.93    | 3.84    | 3.77    | 3.85       | 2.10    | ppb   |
| Tin        | 118-1 | 3.78    | 3.98    | 4.00    | 3.92       | 3.15    | ppb   |
| Titanium   | 47-1  | 3.73    | 3.73    | 3.85    | 3.77       | 1.83    | ppb   |
| Uranium    | 238-1 | 3.87    | 3.74    | 3.70    | 3.77       | 2.30    | ppb   |
| Vanadium   | 51-2  | 3.99    | 3.98    | 3.77    | 3.92       | 3.13    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.45    | 8.62    | 8.95    | 8.67       | 2.94    | ppb   |
| Zirconium  | 90-1  | 3.83    | 3.72    | 3.86    | 3.80       | 1.86    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.71    | 3.66    | 3.91    | 3.76       | 3.54    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 68.96   | 80.04   | 76.98   | 75.33      | 7.60    | ppb   |
| Antimony   | 121-1 | 3.86    | 4.01    | 3.93    | 3.93       | 1.89    | ppb   |
| Arsenic    | 75-2  | 3.48    | 3.77    | 4.17    | 3.81       | 9.13    | ppb   |
| Barium     | 135-1 | 20.36   | 20.31   | 19.82   | 20.16      | 1.48    | ppb   |
| Barium     | 137-1 | 20.30   | 20.08   | 19.85   | 20.08      | 1.12    | ppb   |
| Beryllium  | 9-1   | 3.85    | 3.94    | 3.70    | 3.83       | 3.08    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.64    | 3.82    | 4.80    | 4.75       | 19.12   | ppb   |
| Boron      | 11-1  | 4.14    | 4.80    | 4.42    | 4.46       | 7.44    | ppb   |
| Cadmium    | 111-1 | 3.98    | 3.96    | 3.96    | 3.97       | 0.34    | ppb   |
| Cadmium    | 106-1 | 2.53    | 2.38    | 2.45    | 2.45       | 3.22    | ppb   |
| Cadmium    | 108-1 | 4.03    | 3.90    | 3.14    | 3.69       | 13.02   | ppb   |
| Calcium    | 43-1  | 366.49  | 346.17  | 371.50  | 361.39     | 3.71    | ppb   |
| Calcium    | 44-1  | 374.28  | 388.95  | 372.86  | 378.70     | 2.35    | ppb   |
| Chromium   | 52-2  | 4.09    | 4.13    | 4.16    | 4.13       | 0.79    | ppb   |
| Cobalt     | 59-2  | 3.86    | 4.06    | 4.03    | 3.98       | 2.72    | ppb   |
| Copper     | 63-2  | 7.88    | 8.08    | 7.99    | 7.98       | 1.24    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 198.12  | 197.38  | 201.24  | 198.91     | 1.03    | ppb   |
| Iron       | 57-2  | 186.04  | 201.85  | 210.11  | 199.33     | 6.14    | ppb   |
| Lead       | 206-1 | 3.77    | 3.81    | 3.83    | 3.80       | 0.79    | ppb   |
| Lead       | 207-1 | 3.83    | 3.76    | 3.72    | 3.77       | 1.54    | ppb   |
| Lead       | 208-1 | 3.81    | 3.78    | 3.80    | 3.80       | 0.32    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 396.32  | 419.72  | 397.81  | 404.62     | 3.24    | ppb   |
| Manganese  | 55-2  | 8.32    | 7.98    | 8.62    | 8.31       | 3.87    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.63    | 3.90    | 3.79    | 3.78       | 3.67    | ppb   |
| Molybdenum | 95-1  | 3.77    | 4.00    | 3.83    | 3.87       | 3.06    | ppb   |
| Molybdenum | 96-1  | 3.57    | 3.74    | 3.79    | 3.70       | 3.14    | ppb   |
| Molybdenum | 97-1  | 3.93    | 4.03    | 3.78    | 3.91       | 3.26    | ppb   |
| Molybdenum | 98-1  | 3.94    | 3.73    | 3.76    | 3.81       | 3.09    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.96    | 3.97    | 3.92    | 3.95       | 0.64    | ppb   |
| Phosphorus | 31-2  | 59.51   | 95.57   | 95.48   | 83.52      | 24.90   | ppb   |
| Potassium  | 39-2  | 217.54  | 190.94  | 215.37  | 207.95     | 7.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 8.94    | 2.98    | 3.97       | 114.59  | ppb   |
| Selenium   | 78-2  | 3.45    | 4.37    | 2.94    | 3.59       | 20.06   | ppb   |
| Selenium   | 82-1  | 4.24    | 5.01    | 3.63    | 4.30       | 16.11   | ppb   |
| Silicon    | 28-1  | -10.55  | -8.18   | -10.86  | -9.86      |         | ppb   |
| Silver     | 109-1 | 4.12    | 4.01    | 4.11    | 4.08       | 1.49    | ppb   |
| Silver     | 107-1 | 4.12    | 4.11    | 4.13    | 4.12       | 0.30    | ppb   |
| Sodium     | 23-2  | 422.40  | 423.26  | 413.24  | 419.63     | 1.32    | ppb   |
| Strontium  | 86-1  | 3.83    | 3.94    | 3.82    | 3.87       | 1.75    | ppb   |
| Strontium  | 88-1  | 3.87    | 3.83    | 3.81    | 3.84       | 0.83    | ppb   |
| Sulfur     | 34-1  | 221.11  | 461.55  | 103.13  | 261.93     | 69.74   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.84    | 3.66    | 3.77    | 3.75       | 2.39    | ppb   |
| Thallium   | 205-1 | 3.92    | 3.69    | 3.77    | 3.79       | 2.96    | ppb   |
| Tin        | 118-1 | 3.89    | 4.00    | 3.93    | 3.94       | 1.31    | ppb   |
| Titanium   | 47-1  | 3.84    | 3.84    | 3.74    | 3.81       | 1.56    | ppb   |
| Uranium    | 238-1 | 3.67    | 3.66    | 3.56    | 3.63       | 1.56    | ppb   |
| Vanadium   | 51-2  | 4.00    | 3.83    | 3.98    | 3.94       | 2.38    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 7.75    | 8.57    | 8.45    | 8.26       | 5.39    | ppb   |
| Zirconium  | 90-1  | 3.84    | 3.85    | 3.69    | 3.79       | 2.37    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.78    | 3.70    | 3.60    | 3.69       | 2.46    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#12     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#12     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:27:41 | DataFile Name :   | 086SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 99.36   | 83.94   | 64.34   | 82.55      | 21.26   | ppb   |
| Antimony   | 121-1 | 4.04    | 3.96    | 4.01    | 4.00       | 0.94    | ppb   |
| Arsenic    | 75-2  | 3.99    | 4.12    | 3.73    | 3.94       | 4.96    | ppb   |
| Barium     | 135-1 | 19.34   | 20.24   | 19.57   | 19.71      | 2.37    | ppb   |
| Barium     | 137-1 | 19.52   | 19.76   | 19.89   | 19.72      | 0.95    | ppb   |
| Beryllium  | 9-1   | 3.99    | 4.07    | 4.11    | 4.06       | 1.55    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.89    | 2.08    | 4.12    | 3.37       | 33.18   | ppb   |
| Boron      | 11-1  | 4.26    | 4.55    | 4.13    | 4.31       | 5.00    | ppb   |
| Cadmium    | 111-1 | 3.85    | 3.95    | 4.08    | 3.96       | 2.91    | ppb   |
| Cadmium    | 106-1 | 3.59    | 3.02    | 3.36    | 3.32       | 8.64    | ppb   |
| Cadmium    | 108-1 | 3.85    | 4.38    | 3.93    | 4.05       | 7.06    | ppb   |
| Calcium    | 43-1  | 399.22  | 371.31  | 336.34  | 368.96     | 8.54    | ppb   |
| Calcium    | 44-1  | 371.75  | 369.88  | 360.87  | 367.50     | 1.58    | ppb   |
| Chromium   | 52-2  | 4.11    | 4.06    | 4.01    | 4.06       | 1.18    | ppb   |
| Cobalt     | 59-2  | 3.93    | 4.07    | 3.94    | 3.98       | 1.99    | ppb   |
| Copper     | 63-2  | 7.96    | 7.96    | 7.67    | 7.86       | 2.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 198.72  | 198.80  | 196.60  | 198.04     | 0.63    | ppb   |
| Iron       | 57-2  | 217.35  | 195.81  | 201.19  | 204.78     | 5.48    | ppb   |
| Lead       | 206-1 | 3.88    | 3.93    | 3.92    | 3.91       | 0.76    | ppb   |
| Lead       | 207-1 | 3.80    | 3.81    | 3.77    | 3.79       | 0.65    | ppb   |
| Lead       | 208-1 | 3.78    | 3.88    | 3.81    | 3.82       | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 399.68  | 419.15  | 399.88  | 406.24     | 2.75    | ppb   |
| Manganese  | 55-2  | 7.82    | 8.10    | 8.33    | 8.09       | 3.15    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#12     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#12     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:27:41 | DataFile Name :   | 086SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.91    | 3.71    | 3.60    | 3.74       | 4.15    | ppb   |
| Molybdenum | 95-1  | 3.67    | 3.75    | 3.50    | 3.64       | 3.47    | ppb   |
| Molybdenum | 96-1  | 3.88    | 3.78    | 3.68    | 3.78       | 2.62    | ppb   |
| Molybdenum | 97-1  | 3.83    | 3.72    | 3.80    | 3.78       | 1.58    | ppb   |
| Molybdenum | 98-1  | 3.71    | 3.84    | 3.56    | 3.70       | 3.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.92    | 3.83    | 3.71    | 3.82       | 2.66    | ppb   |
| Phosphorus | 31-2  | 59.19   | 84.61   | 118.09  | 87.30      | 33.85   | ppb   |
| Potassium  | 39-2  | 218.62  | 212.75  | 212.29  | 214.55     | 1.65    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 11.91   | 2.99    | 5.97    | 6.96       | 65.27   | ppb   |
| Selenium   | 78-2  | 2.94    | 2.96    | 2.00    | 2.63       | 20.94   | ppb   |
| Selenium   | 82-1  | 4.46    | 3.53    | 3.66    | 3.88       | 12.93   | ppb   |
| Silicon    | 28-1  | -11.68  | -9.66   | -11.75  | -11.03     |         | ppb   |
| Silver     | 109-1 | 3.97    | 4.18    | 4.02    | 4.05       | 2.71    | ppb   |
| Silver     | 107-1 | 4.05    | 4.01    | 4.12    | 4.06       | 1.31    | ppb   |
| Sodium     | 23-2  | 416.85  | 424.86  | 412.70  | 418.14     | 1.48    | ppb   |
| Strontium  | 86-1  | 3.81    | 3.97    | 3.85    | 3.88       | 2.18    | ppb   |
| Strontium  | 88-1  | 3.91    | 3.85    | 3.89    | 3.88       | 0.81    | ppb   |
| Sulfur     | 34-1  | 61.93   | 142.14  | 89.34   | 97.80      | 41.69   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.61    | 3.91    | 3.96    | 3.83       | 4.91    | ppb   |
| Thallium   | 205-1 | 3.86    | 3.90    | 3.84    | 3.87       | 0.72    | ppb   |
| Tin        | 118-1 | 4.13    | 3.90    | 4.06    | 4.03       | 2.96    | ppb   |
| Titanium   | 47-1  | 3.77    | 3.94    | 3.85    | 3.85       | 2.22    | ppb   |
| Uranium    | 238-1 | 3.65    | 3.79    | 3.63    | 3.69       | 2.38    | ppb   |
| Vanadium   | 51-2  | 3.95    | 4.06    | 3.71    | 3.91       | 4.56    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.31    | 8.68    | 8.49    | 8.49       | 2.18    | ppb   |
| Zirconium  | 90-1  | 3.86    | 3.89    | 3.75    | 3.83       | 1.95    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#12     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#12     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:27:41 | DataFile Name :   | 086SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.54    | 3.60    | 3.66    | 3.60       | 1.74    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 86.81   | 92.32   | 66.65   | 81.93      | 16.50   | ppb   |
| Antimony   | 121-1 | 4.12    | 4.04    | 3.87    | 4.01       | 3.19    | ppb   |
| Arsenic    | 75-2  | 3.93    | 3.79    | 3.82    | 3.84       | 2.03    | ppb   |
| Barium     | 135-1 | 20.49   | 20.02   | 18.94   | 19.82      | 4.00    | ppb   |
| Barium     | 137-1 | 19.71   | 19.57   | 19.84   | 19.71      | 0.70    | ppb   |
| Beryllium  | 9-1   | 4.01    | 4.26    | 3.94    | 4.07       | 4.16    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.22    | 3.45    | 4.16    | 3.95       | 10.90   | ppb   |
| Boron      | 11-1  | 4.34    | 4.26    | 3.88    | 4.16       | 6.01    | ppb   |
| Cadmium    | 111-1 | 4.00    | 3.81    | 4.07    | 3.96       | 3.29    | ppb   |
| Cadmium    | 106-1 | 2.13    | 3.34    | 3.74    | 3.07       | 27.17   | ppb   |
| Cadmium    | 108-1 | 4.80    | 3.40    | 4.21    | 4.14       | 16.93   | ppb   |
| Calcium    | 43-1  | 357.65  | 375.24  | 343.52  | 358.80     | 4.43    | ppb   |
| Calcium    | 44-1  | 362.38  | 365.42  | 363.47  | 363.76     | 0.42    | ppb   |
| Chromium   | 52-2  | 3.80    | 3.90    | 3.90    | 3.87       | 1.44    | ppb   |
| Cobalt     | 59-2  | 3.87    | 3.87    | 3.92    | 3.89       | 0.72    | ppb   |
| Copper     | 63-2  | 7.95    | 7.99    | 7.90    | 7.95       | 0.57    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 198.49  | 196.30  | 197.72  | 197.50     | 0.56    | ppb   |
| Iron       | 57-2  | 196.21  | 195.52  | 202.46  | 198.06     | 1.93    | ppb   |
| Lead       | 206-1 | 3.86    | 3.72    | 3.74    | 3.77       | 1.97    | ppb   |
| Lead       | 207-1 | 3.74    | 3.76    | 3.94    | 3.81       | 2.86    | ppb   |
| Lead       | 208-1 | 3.80    | 3.75    | 3.78    | 3.78       | 0.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 388.45  | 408.00  | 387.35  | 394.60     | 2.94    | ppb   |
| Manganese  | 55-2  | 8.34    | 8.15    | 8.09    | 8.19       | 1.60    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.78    | 3.83    | 3.92    | 3.84       | 1.76    | ppb   |
| Molybdenum | 95-1  | 3.89    | 3.62    | 3.76    | 3.76       | 3.70    | ppb   |
| Molybdenum | 96-1  | 3.80    | 4.01    | 3.85    | 3.89       | 2.85    | ppb   |
| Molybdenum | 97-1  | 3.94    | 3.98    | 3.62    | 3.84       | 5.15    | ppb   |
| Molybdenum | 98-1  | 3.76    | 3.81    | 3.78    | 3.78       | 0.61    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.03    | 4.14    | 3.82    | 4.00       | 4.03    | ppb   |
| Phosphorus | 31-2  | 23.59   | 47.22   | 142.55  | 71.12      | 88.55   | ppb   |
| Potassium  | 39-2  | 185.87  | 189.74  | 215.25  | 196.95     | 8.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 2.94    | 3.00    | 2.99    | 2.98       | 1.22    | ppb   |
| Selenium   | 78-2  | 2.41    | 4.42    | 4.39    | 3.74       | 30.82   | ppb   |
| Selenium   | 82-1  | 4.11    | 4.26    | 3.42    | 3.93       | 11.45   | ppb   |
| Silicon    | 28-1  | -10.52  | -13.86  | -10.42  | -11.60     |         | ppb   |
| Silver     | 109-1 | 4.10    | 3.98    | 4.01    | 4.03       | 1.56    | ppb   |
| Silver     | 107-1 | 4.18    | 3.90    | 4.10    | 4.06       | 3.45    | ppb   |
| Sodium     | 23-2  | 413.99  | 413.35  | 408.23  | 411.86     | 0.77    | ppb   |
| Strontium  | 86-1  | 3.79    | 4.07    | 3.80    | 3.88       | 4.10    | ppb   |
| Strontium  | 88-1  | 3.88    | 4.01    | 3.80    | 3.90       | 2.79    | ppb   |
| Sulfur     | 34-1  | -93.23  | -17.71  | -99.89  | -70.27     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.76    | 3.80    | 3.93    | 3.83       | 2.39    | ppb   |
| Thallium   | 205-1 | 3.82    | 3.84    | 3.90    | 3.85       | 1.05    | ppb   |
| Tin        | 118-1 | 4.08    | 4.04    | 3.89    | 4.01       | 2.45    | ppb   |
| Titanium   | 47-1  | 3.63    | 3.78    | 3.66    | 3.69       | 2.15    | ppb   |
| Uranium    | 238-1 | 3.73    | 3.67    | 3.64    | 3.68       | 1.26    | ppb   |
| Vanadium   | 51-2  | 3.97    | 4.04    | 3.77    | 3.92       | 3.52    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.85    | 7.99    | 8.26    | 8.37       | 5.27    | ppb   |
| Zirconium  | 90-1  | 3.87    | 3.79    | 3.85    | 3.84       | 1.07    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.62    | 3.76    | 3.70    | 3.70       | 1.86    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#14     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#14     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:34:00 | DataFile Name :   | 088SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 66.91   | 92.59   | 79.92   | 79.81      | 16.09   | ppb   |
| Antimony   | 121-1 | 4.02    | 3.90    | 3.91    | 3.94       | 1.64    | ppb   |
| Arsenic    | 75-2  | 4.28    | 3.75    | 3.71    | 3.92       | 8.18    | ppb   |
| Barium     | 135-1 | 19.46   | 20.33   | 19.31   | 19.70      | 2.78    | ppb   |
| Barium     | 137-1 | 19.79   | 19.92   | 19.52   | 19.74      | 1.03    | ppb   |
| Beryllium  | 9-1   | 3.77    | 3.82    | 4.10    | 3.90       | 4.62    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.27    | 3.20    | 3.82    | 3.76       | 14.26   | ppb   |
| Boron      | 11-1  | 3.58    | 4.17    | 4.51    | 4.08       | 11.58   | ppb   |
| Cadmium    | 111-1 | 3.87    | 3.97    | 3.86    | 3.90       | 1.57    | ppb   |
| Cadmium    | 106-1 | 2.71    | 3.29    | 2.37    | 2.79       | 16.73   | ppb   |
| Cadmium    | 108-1 | 4.70    | 4.08    | 4.36    | 4.38       | 7.12    | ppb   |
| Calcium    | 43-1  | 362.41  | 359.82  | 339.02  | 353.75     | 3.62    | ppb   |
| Calcium    | 44-1  | 363.08  | 361.06  | 366.50  | 363.55     | 0.76    | ppb   |
| Chromium   | 52-2  | 4.10    | 3.91    | 3.63    | 3.88       | 6.05    | ppb   |
| Cobalt     | 59-2  | 4.06    | 4.03    | 3.95    | 4.01       | 1.38    | ppb   |
| Copper     | 63-2  | 8.08    | 7.87    | 7.69    | 7.88       | 2.49    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 200.03  | 195.94  | 196.22  | 197.39     | 1.16    | ppb   |
| Iron       | 57-2  | 206.51  | 207.68  | 194.01  | 202.73     | 3.74    | ppb   |
| Lead       | 206-1 | 3.78    | 3.75    | 3.90    | 3.81       | 2.06    | ppb   |
| Lead       | 207-1 | 3.80    | 3.87    | 3.71    | 3.79       | 2.03    | ppb   |
| Lead       | 208-1 | 3.81    | 3.83    | 3.84    | 3.83       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 405.74  | 406.49  | 377.64  | 396.62     | 4.15    | ppb   |
| Manganese  | 55-2  | 8.53    | 7.95    | 7.89    | 8.12       | 4.36    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#14     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#14     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:34:00 | DataFile Name :   | 088SMPL_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 3.95    | 3.77    | 3.79    | 3.84       | 2.54    | ppb   |
| Molybdenum | 95-1  | 3.89    | 3.93    | 3.67    | 3.83       | 3.56    | ppb   |
| Molybdenum | 96-1  | 3.78    | 3.71    | 3.70    | 3.73       | 1.21    | ppb   |
| Molybdenum | 97-1  | 3.78    | 3.92    | 3.69    | 3.79       | 3.08    | ppb   |
| Molybdenum | 98-1  | 3.76    | 3.68    | 3.74    | 3.72       | 1.09    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.01    | 3.93    | 3.89    | 3.94       | 1.51    | ppb   |
| Phosphorus | 31-2  | 47.50   | 82.20   | 69.52   | 66.41      | 26.44   | ppb   |
| Potassium  | 39-2  | 213.27  | 199.53  | 200.32  | 204.38     | 3.78    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 5.99    | 2.97    | 3.00    | 3.99       | 43.63   | ppb   |
| Selenium   | 78-2  | 2.97    | 0.09    | 0.11    | 1.05       | 156.92  | ppb   |
| Selenium   | 82-1  | 3.21    | 4.25    | 4.82    | 4.09       | 19.91   | ppb   |
| Silicon    | 28-1  | -12.57  | -11.56  | -12.88  | -12.34     |         | ppb   |
| Silver     | 109-1 | 4.07    | 4.06    | 4.05    | 4.06       | 0.21    | ppb   |
| Silver     | 107-1 | 4.11    | 4.08    | 4.06    | 4.08       | 0.58    | ppb   |
| Sodium     | 23-2  | 422.90  | 409.43  | 400.65  | 410.99     | 2.73    | ppb   |
| Strontium  | 86-1  | 4.11    | 3.98    | 3.83    | 3.97       | 3.53    | ppb   |
| Strontium  | 88-1  | 3.88    | 3.85    | 3.79    | 3.84       | 1.20    | ppb   |
| Sulfur     | 34-1  | 2.17    | -31.16  | -118.12 | -49.04     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 3.82    | 3.74    | 3.91    | 3.82       | 2.22    | ppb   |
| Thallium   | 205-1 | 3.79    | 3.96    | 3.89    | 3.88       | 2.15    | ppb   |
| Tin        | 118-1 | 4.00    | 4.06    | 3.95    | 4.00       | 1.32    | ppb   |
| Titanium   | 47-1  | 3.57    | 3.58    | 3.94    | 3.70       | 5.73    | ppb   |
| Uranium    | 238-1 | 3.59    | 3.67    | 3.69    | 3.65       | 1.48    | ppb   |
| Vanadium   | 51-2  | 4.03    | 3.89    | 3.89    | 3.94       | 2.04    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 8.15    | 8.24    | 8.01    | 8.13       | 1.43    | ppb   |
| Zirconium  | 90-1  | 3.72    | 3.80    | 3.75    | 3.76       | 1.08    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#14     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#14     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:34:00 | DataFile Name :   | 088SMPL_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 3.64    | 3.82    | 3.76    | 3.74       | 2.52    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9965.08  | 9706.98  | 9725.70  | 9799.25    | 1.47    | ppb   |
| Antimony   | 121-1 | 505.72   | 532.67   | 503.16   | 513.85     | 3.18    | ppb   |
| Arsenic    | 75-2  | 489.61   | 495.67   | 497.16   | 494.15     | 0.81    | ppb   |
| Barium     | 135-1 | 2547.53  | 2646.33  | 2560.76  | 2584.88    | 2.07    | ppb   |
| Barium     | 137-1 | 2525.78  | 2663.28  | 2509.87  | 2566.31    | 3.29    | ppb   |
| Beryllium  | 9-1   | 493.21   | 512.81   | 490.51   | 498.84     | 2.44    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 471.05   | 513.81   | 487.72   | 490.86     | 4.39    | ppb   |
| Boron      | 11-1  | 477.38   | 499.38   | 486.96   | 487.91     | 2.26    | ppb   |
| Cadmium    | 111-1 | 493.40   | 524.96   | 493.69   | 504.02     | 3.60    | ppb   |
| Cadmium    | 106-1 | 511.48   | 528.82   | 510.27   | 516.86     | 2.01    | ppb   |
| Cadmium    | 108-1 | 498.03   | 520.63   | 510.36   | 509.68     | 2.22    | ppb   |
| Calcium    | 43-1  | 46809.15 | 48651.85 | 47519.06 | 47660.02   | 1.95    | ppb   |
| Calcium    | 44-1  | 47718.98 | 49105.47 | 48631.18 | 48485.21   | 1.45    | ppb   |
| Chromium   | 52-2  | 502.25   | 496.73   | 495.81   | 498.26     | 0.70    | ppb   |
| Cobalt     | 59-2  | 494.33   | 487.11   | 487.33   | 489.59     | 0.84    | ppb   |
| Copper     | 63-2  | 1047.14  | 1005.54  | 1006.86  | 1019.85    | 2.32    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 25259.13 | 24584.53 | 24857.91 | 24900.53   | 1.36    | ppb   |
| Iron       | 57-2  | 24992.78 | 24785.86 | 24913.72 | 24897.45   | 0.42    | ppb   |
| Lead       | 206-1 | 480.67   | 518.99   | 505.00   | 501.55     | 3.87    | ppb   |
| Lead       | 207-1 | 471.71   | 496.83   | 481.66   | 483.40     | 2.62    | ppb   |
| Lead       | 208-1 | 489.16   | 517.50   | 502.33   | 503.00     | 2.82    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 51247.40 | 50146.74 | 49651.47 | 50348.54   | 1.62    | ppb   |
| Manganese  | 55-2  | 1021.59  | 998.46   | 1002.02  | 1007.36    | 1.24    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 496.71   | 523.47   | 505.49   | 508.56     | 2.68    | ppb   |
| Molybdenum | 95-1  | 489.91   | 517.78   | 508.06   | 505.25     | 2.80    | ppb   |
| Molybdenum | 96-1  | 493.34   | 518.54   | 504.15   | 505.34     | 2.50    | ppb   |
| Molybdenum | 97-1  | 472.43   | 501.19   | 479.99   | 484.54     | 3.08    | ppb   |
| Molybdenum | 98-1  | 498.44   | 520.10   | 502.15   | 506.90     | 2.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 505.94   | 493.94   | 491.81   | 497.23     | 1.53    | ppb   |
| Phosphorus | 31-2  | 9621.60  | 9557.08  | 9923.43  | 9700.71    | 2.02    | ppb   |
| Potassium  | 39-2  | 24622.61 | 24452.90 | 24498.56 | 24524.69   | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 462.57   | 392.41   | 497.00   | 450.66     | 11.83   | ppb   |
| Selenium   | 78-2  | 475.67   | 493.70   | 474.34   | 481.23     | 2.25    | ppb   |
| Selenium   | 82-1  | 488.88   | 512.03   | 491.67   | 497.53     | 2.54    | ppb   |
| Silicon    | 28-1  | 493.01   | 519.92   | 515.19   | 509.37     | 2.82    | ppb   |
| Silver     | 109-1 | 508.52   | 536.96   | 514.81   | 520.10     | 2.87    | ppb   |
| Silver     | 107-1 | 513.42   | 537.52   | 516.20   | 522.38     | 2.52    | ppb   |
| Sodium     | 23-2  | 50447.44 | 49852.72 | 49829.05 | 50043.07   | 0.70    | ppb   |
| Strontium  | 86-1  | 482.20   | 509.34   | 489.72   | 493.75     | 2.84    | ppb   |
| Strontium  | 88-1  | 488.45   | 517.45   | 498.56   | 501.49     | 2.94    | ppb   |
| Sulfur     | 34-1  | 9723.11  | 10488.01 | 10167.01 | 10126.04   | 3.79    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 498.08   | 517.02   | 504.69   | 506.59     | 1.90    | ppb   |
| Thallium   | 205-1 | 486.71   | 517.88   | 505.24   | 503.28     | 3.11    | ppb   |
| Tin        | 118-1 | 503.92   | 537.61   | 508.15   | 516.56     | 3.55    | ppb   |
| Titanium   | 47-1  | 478.66   | 503.19   | 493.17   | 491.67     | 2.51    | ppb   |
| Uranium    | 238-1 | 482.99   | 514.31   | 496.40   | 497.90     | 3.16    | ppb   |
| Vanadium   | 51-2  | 501.67   | 496.94   | 497.29   | 498.63     | 0.53    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 994.88   | 975.17   | 983.79   | 984.61     | 1.00    | ppb   |
| Zirconium  | 90-1  | 500.77   | 521.04   | 503.72   | 508.51     | 2.15    | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 488.44  | 504.31  | 488.21  | 493.65     | 1.87    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50917.28  | 50283.58  | 50387.66  | 50529.51   | 0.67    | ppb   |
| Antimony   | 121-1 | 503.11    | 502.95    | 503.89    | 503.32     | 0.10    | ppb   |
| Arsenic    | 75-2  | 503.78    | 496.58    | 486.42    | 495.59     | 1.76    | ppb   |
| Barium     | 135-1 | 2516.30   | 2533.41   | 2518.53   | 2522.75    | 0.37    | ppb   |
| Barium     | 137-1 | 2513.30   | 2489.01   | 2543.02   | 2515.11    | 1.08    | ppb   |
| Beryllium  | 9-1   | 493.63    | 489.79    | 490.57    | 491.33     | 0.41    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 502.39    | 496.84    | 506.80    | 502.01     | 0.99    | ppb   |
| Boron      | 11-1  | 501.40    | 507.87    | 504.82    | 504.70     | 0.64    | ppb   |
| Cadmium    | 111-1 | 487.30    | 479.80    | 489.52    | 485.54     | 1.05    | ppb   |
| Cadmium    | 106-1 | 492.80    | 488.43    | 496.64    | 492.62     | 0.83    | ppb   |
| Cadmium    | 108-1 | 488.68    | 490.61    | 491.91    | 490.40     | 0.33    | ppb   |
| Calcium    | 43-1  | 237557.15 | 233962.83 | 236633.79 | 236051.26  | 0.79    | ppb   |
| Calcium    | 44-1  | 236775.73 | 235883.09 | 235297.91 | 235985.58  | 0.32    | ppb   |
| Chromium   | 52-2  | 513.30    | 515.13    | 509.97    | 512.80     | 0.51    | ppb   |
| Cobalt     | 59-2  | 483.51    | 489.69    | 484.79    | 486.00     | 0.67    | ppb   |
| Copper     | 63-2  | 963.89    | 981.29    | 969.84    | 971.67     | 0.91    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 120598.14 | 120964.00 | 120190.98 | 120584.37  | 0.32    | ppb   |
| Iron       | 57-2  | 122527.30 | 124446.35 | 124342.34 | 123772.00  | 0.87    | ppb   |
| Lead       | 206-1 | 503.60    | 512.61    | 500.91    | 505.71     | 1.21    | ppb   |
| Lead       | 207-1 | 488.90    | 488.79    | 485.06    | 487.58     | 0.45    | ppb   |
| Lead       | 208-1 | 501.41    | 505.26    | 501.18    | 502.62     | 0.46    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 246018.18 | 247350.95 | 246114.23 | 246494.45  | 0.30    | ppb   |
| Manganese  | 55-2  | 1012.68   | 1018.39   | 1013.63   | 1014.90    | 0.30    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 508.75    | 507.20    | 512.68    | 509.54     | 0.55    | ppb   |
| Molybdenum | 95-1  | 492.90    | 491.75    | 511.75    | 498.80     | 2.25    | ppb   |
| Molybdenum | 96-1  | 507.52    | 498.79    | 509.59    | 505.30     | 1.13    | ppb   |
| Molybdenum | 97-1  | 484.83    | 473.40    | 483.59    | 480.60     | 1.30    | ppb   |
| Molybdenum | 98-1  | 498.90    | 493.41    | 502.68    | 498.33     | 0.94    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 490.39    | 494.71    | 491.13    | 492.08     | 0.47    | ppb   |
| Phosphorus | 31-2  | 9532.25   | 9905.91   | 10068.95  | 9835.70    | 2.80    | ppb   |
| Potassium  | 39-2  | 126234.39 | 124629.26 | 124745.30 | 125202.98  | 0.71    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 532.34    | 533.29    | 496.29    | 520.64     | 4.05    | ppb   |
| Selenium   | 78-2  | 496.13    | 484.67    | 488.95    | 489.92     | 1.18    | ppb   |
| Selenium   | 82-1  | 481.53    | 478.32    | 490.16    | 483.34     | 1.27    | ppb   |
| Silicon    | 28-1  | 497.70    | 499.49    | 502.63    | 499.94     | 0.50    | ppb   |
| Silver     | 109-1 | 491.62    | 498.90    | 503.47    | 498.00     | 1.20    | ppb   |
| Silver     | 107-1 | 493.81    | 492.73    | 503.84    | 496.79     | 1.23    | ppb   |
| Sodium     | 23-2  | 247371.54 | 246999.61 | 247497.83 | 247289.66  | 0.10    | ppb   |
| Strontium  | 86-1  | 496.19    | 488.52    | 502.57    | 495.76     | 1.42    | ppb   |
| Strontium  | 88-1  | 509.64    | 496.85    | 508.39    | 504.96     | 1.40    | ppb   |
| Sulfur     | 34-1  | 9969.25   | 9708.98   | 9753.04   | 9810.42    | 1.42    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 502.54    | 513.60    | 505.04    | 507.06     | 1.14    | ppb   |
| Thallium   | 205-1 | 509.73    | 523.37    | 508.94    | 514.02     | 1.58    | ppb   |
| Tin        | 118-1 | 505.84    | 502.41    | 500.52    | 502.92     | 0.54    | ppb   |
| Titanium   | 47-1  | 493.61    | 484.25    | 480.72    | 486.19     | 1.37    | ppb   |
| Uranium    | 238-1 | 510.77    | 514.05    | 508.34    | 511.05     | 0.56    | ppb   |
| Vanadium   | 51-2  | 506.38    | 506.77    | 504.99    | 506.04     | 0.19    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 960.45    | 975.79    | 960.91    | 965.72     | 0.90    | ppb   |
| Zirconium  | 90-1  | 511.55    | 499.88    | 513.75    | 508.39     | 1.47    | ppb   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 493.70  | 483.77  | 492.05  | 489.84     | 1.09    | ppb   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.26    | -1.72   | -0.69   | -0.72      |         | ppb   |
| Antimony   | 121-1 | 0.14    | 0.12    | 0.13    | 0.13       | 6.90    | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Barium     | 135-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Barium     | 137-1 | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.08    | 0.06    | 0.05       | 89.60   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.18   | 10.80   | 11.80   | 11.93      | 10.00   | ppb   |
| Boron      | 11-1  | 12.65   | 12.14   | 11.91   | 12.23      | 3.10    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.07   | -0.03   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.60   | -1.11   | -0.56   | -1.09      |         | ppb   |
| Cadmium    | 108-1 | 0.16    | 0.09    | 0.02    | 0.09       | 74.18   | ppb   |
| Calcium    | 43-1  | -12.21  | -25.60  | -13.83  | -17.21     |         | ppb   |
| Calcium    | 44-1  | -5.75   | -4.38   | 3.16    | -2.32      |         | ppb   |
| Chromium   | 52-2  | -0.07   | -0.11   | 0.00    | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.01   | -0.03   | -0.03      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.57    | 0.32    | 0.63    | 0.51       | 31.91   | ppb   |
| Iron       | 57-2  | 2.13    | 2.16    | 3.67    | 2.65       | 33.24   | ppb   |
| Lead       | 206-1 | 0.12    | 0.13    | 0.15    | 0.13       | 11.63   | ppb   |
| Lead       | 207-1 | 0.16    | 0.16    | 0.15    | 0.16       | 5.67    | ppb   |
| Lead       | 208-1 | 0.13    | 0.14    | 0.13    | 0.13       | 4.14    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.21    | -0.58   | 0.87    | 0.17       | 429.61  | ppb   |
| Manganese  | 55-2  | 0.07    | 0.03    | 0.04    | 0.04       | 53.57   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.03    | 0.03    | 0.03       | 20.00   | ppb   |
| Molybdenum | 95-1  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.01    | 0.01       | 43.22   | ppb   |
| Molybdenum | 97-1  | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.09   | -0.01   | -0.04      |         | ppb   |
| Phosphorus | 31-2  | 11.55   | -0.32   | 36.32   | 15.85      | 117.96  | ppb   |
| Potassium  | 39-2  | 24.32   | 37.48   | 31.50   | 31.10      | 21.18   | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.00    | 2.92    | 0.00    | 0.97       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.09    | -0.87   | -1.33   | -0.70      |         | ppb   |
| Selenium   | 82-1  | 0.45    | -0.01   | 0.58    | 0.34       | 90.96   | ppb   |
| Silicon    | 28-1  | -13.66  | -16.17  | -12.13  | -13.99     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.04    | 0.03       | 23.93   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.02       | 13.96   | ppb   |
| Sodium     | 23-2  | 61.98   | 63.04   | 63.11   | 62.71      | 1.01    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.07    | 0.04    | 0.04       | 94.34   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -246.56 | -403.01 | 144.33  | -168.41    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.15    | 0.15    | 0.10    | 0.13       | 21.00   | ppb   |
| Thallium   | 205-1 | 0.14    | 0.12    | 0.12    | 0.13       | 10.59   | ppb   |
| Tin        | 118-1 | 0.11    | 0.13    | 0.13    | 0.13       | 8.75    | ppb   |
| Titanium   | 47-1  | 0.00    | -0.05   | -0.01   | -0.02      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.02    | 0.12    | 0.06    | 0.07       | 69.12   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.04    | 0.05    | 0.04       | 31.54   | ppb   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.03    | 0.03    | 0.04       | 56.59   | ppb   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 13:48:54 DataFile Name : 003CALB\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8       | 8       | 50      | 22      | 108.27 | cps   |
| Antimony   | 121-1 | 75      | 25      | 50      | 50      | 50.00  | cps   |
| Arsenic    | 75-2  | 7       | 15      | 9       | 10      | 36.70  | cps   |
| Barium     | 135-1 | 75      | 75      | 83      | 78      | 6.19   | cps   |
| Barium     | 137-1 | 75      | 158     | 67      | 100     | 50.69  | cps   |
| Beryllium  | 9-1   | 61      | 100     | 72      | 78      | 25.76  | cps   |
| Bismuth    | 209-1 | 2679952 | 2675439 | 2646999 | 2667464 | 0.67   | cps   |
| Bismuth    | 209-2 | 1195669 | 1207937 | 1202020 | 1201875 | 0.51   | cps   |
| Boron      | 10-1  | 358     | 442     | 308     | 369     | 18.23  | cps   |
| Boron      | 11-1  | 1383    | 1408    | 1408    | 1400    | 1.03   | cps   |
| Cadmium    | 111-1 | 828     | 725     | 868     | 807     | 9.19   | cps   |
| Cadmium    | 106-1 | 1175    | 1033    | 1225    | 1145    | 8.69   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 3151    | 3201    | 2917    | 3089    | 4.90   | cps   |
| Calcium    | 44-1  | 52909   | 52014   | 52098   | 52340   | 0.94   | cps   |
| Chromium   | 52-2  | 1127    | 1123    | 1130    | 1127    | 0.30   | cps   |
| Cobalt     | 59-2  | 53      | 63      | 77      | 64      | 18.17  | cps   |
| Copper     | 63-2  | 363     | 377     | 313     | 351     | 9.51   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 17      | 25      | 33.34  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 8       | 0       | 25      | 11      | 114.58 | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 50      | 67      | 33      | 50      | 33.34  | cps   |
| Gadolinium | 160-2 | 20      | 10      | 3       | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 4527531 | 4561878 | 4552156 | 4547189 | 0.39   | cps   |
| Holmium    | 165-2 | 1574060 | 1572944 | 1577324 | 1574776 | 0.14   | cps   |
| Indium     | 115-1 | 4420770 | 4458513 | 4403794 | 4427692 | 0.63   | cps   |
| Indium     | 115-2 | 323348  | 322073  | 321131  | 322184  | 0.35   | cps   |
| Iron       | 56-2  | 4206    | 4217    | 4006    | 4143    | 2.87   | cps   |
| Iron       | 57-2  | 117     | 122     | 122     | 120     | 2.67   | cps   |
| Lead       | 206-1 | 233     | 222     | 250     | 235     | 5.94   | cps   |
| Lead       | 207-1 | 206     | 194     | 189     | 196     | 4.32   | cps   |
| Lead       | 208-1 | 1050    | 1083    | 1045    | 1059    | 1.99   | cps   |
| Lithium    | 6-1   | 533504  | 532013  | 542297  | 535938  | 1.04   | cps   |
| Magnesium  | 24-2  | 150     | 117     | 75      | 114     | 33.00  | cps   |
| Manganese  | 55-2  | 67      | 47      | 77      | 63      | 24.12  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:48:54 | DataFile Name :   | 003CALB_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 192     | 175     | 192     | 186     | 5.17    | cps   |
| Molybdenum | 95-1  | 83      | 83      | 125     | 97      | 24.74   | cps   |
| Molybdenum | 96-1  | 125     | 117     | 117     | 119     | 4.03    | cps   |
| Molybdenum | 97-1  | 108     | 133     | 100     | 114     | 15.23   | cps   |
| Molybdenum | 98-1  | 142     | 175     | 92      | 136     | 30.82   | cps   |
| Neodymium  | 150-1 | 13      | 33      | 0       | 16      | 107.86  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 130     | 87      | 127     | 114     | 21.07   | cps   |
| Phosphorus | 31-2  | 8       | 25      | 0       | 11      | 114.58  | cps   |
| Potassium  | 39-2  | 4167    | 3859    | 4009    | 4012    | 3.84    | cps   |
| Rhodium    | 103-1 | 4389687 | 4405061 | 4395240 | 4396663 | 0.18    | cps   |
| Rhodium    | 103-2 | 1703364 | 1702024 | 1693964 | 1699784 | 0.30    | cps   |
| Scandium   | 45-1  | 3165191 | 3156045 | 3149446 | 3156894 | 0.25    | cps   |
| Scandium   | 45-2  | 39165   | 39713   | 38844   | 39240   | 1.12    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 11      | 4       | 6       | 7       | 56.78   | cps   |
| Selenium   | 82-1  | -38     | -137    | 6       | -56     | -130.63 | cps   |
| Silicon    | 28-1  | 427680  | 428279  | 432756  | 429571  | 0.65    | cps   |
| Silver     | 109-1 | 25      | 42      | 58      | 42      | 40.00   | cps   |
| Silver     | 107-1 | 33      | 75      | 117     | 75      | 55.56   | cps   |
| Sodium     | 23-2  | 6610    | 6677    | 6310    | 6532    | 2.99    | cps   |
| Strontium  | 86-1  | 1042    | 1008    | 950     | 1000    | 4.64    | cps   |
| Strontium  | 88-1  | 275     | 425     | 258     | 319     | 28.74   | cps   |
| Sulfur     | 34-1  | 334561  | 332768  | 330806  | 332712  | 0.56    | cps   |
| Terbium    | 159-1 | 4858927 | 4815882 | 4757053 | 4810621 | 1.06    | cps   |
| Terbium    | 159-2 | 1551814 | 1562430 | 1541552 | 1551932 | 0.67    | cps   |
| Thallium   | 203-1 | 58      | 75      | 58      | 64      | 15.05   | cps   |
| Thallium   | 205-1 | 183     | 133     | 108     | 142     | 26.96   | cps   |
| Tin        | 118-1 | 642     | 525     | 517     | 561     | 12.46   | cps   |
| Titanium   | 47-1  | 183     | 158     | 142     | 161     | 13.02   | cps   |
| Uranium    | 238-1 | 217     | 158     | 192     | 189     | 15.49   | cps   |
| Vanadium   | 51-2  | 17      | 20      | 37      | 24      | 43.83   | cps   |
| Yttrium    | 89-1  | 4888399 | 4934518 | 4892403 | 4905106 | 0.52    | cps   |
| Yttrium    | 89-2  | 244823  | 244499  | 246049  | 245123  | 0.33    | cps   |
| Zinc       | 66-2  | 60      | 77      | 63      | 67      | 13.23   | cps   |
| Zirconium  | 90-1  | 483     | 342     | 375     | 400     | 18.52   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S0                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:48:54 | DataFile Name :   | 003CALB_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 42   | 133  | 86      | 53.30  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 142     | 183     | 175     | 17.17  | cps   |
| Antimony   | 121-1 | 13499   | 13057   | 13357   | 13304   | 1.70   | cps   |
| Arsenic    | 75-2  | 161     | 144     | 130     | 145     | 10.86  | cps   |
| Barium     | 135-1 | 12640   | 12164   | 12165   | 12323   | 2.23   | cps   |
| Barium     | 137-1 | 22119   | 21944   | 21777   | 21947   | 0.78   | cps   |
| Beryllium  | 9-1   | 861     | 878     | 972     | 904     | 6.63   | cps   |
| Bismuth    | 209-1 | 2596973 | 2574858 | 2627465 | 2599765 | 1.02   | cps   |
| Bismuth    | 209-2 | 1178226 | 1137687 | 1177292 | 1164401 | 1.99   | cps   |
| Boron      | 10-1  | 2975    | 2867    | 2925    | 2923    | 1.86   | cps   |
| Boron      | 11-1  | 14074   | 13974   | 14575   | 14208   | 2.26   | cps   |
| Cadmium    | 111-1 | 2361    | 2279    | 2054    | 2231    | 7.11   | cps   |
| Cadmium    | 106-1 | 1358    | 1292    | 1292    | 1314    | 2.93   | cps   |
| Cadmium    | 108-1 | 88      | 125     | 167     | 126     | 31.33  | cps   |
| Calcium    | 43-1  | 12389   | 12314   | 11447   | 12050   | 4.35   | cps   |
| Calcium    | 44-1  | 194928  | 191085  | 194741  | 193584  | 1.12   | cps   |
| Chromium   | 52-2  | 3664    | 3447    | 3557    | 3556    | 3.05   | cps   |
| Cobalt     | 59-2  | 2364    | 2290    | 2207    | 2287    | 3.43   | cps   |
| Copper     | 63-2  | 4691    | 4588    | 4634    | 4638    | 1.12   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 33      | 42      | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 3       | 0       | 13      | 6       | 124.93 | cps   |
| Gadolinium | 160-1 | 25      | 42      | 50      | 39      | 32.73  | cps   |
| Gadolinium | 160-2 | 3       | 20      | 20      | 14      | 66.64  | cps   |
| Holmium    | 165-1 | 4517330 | 4512396 | 4642779 | 4557502 | 1.62   | cps   |
| Holmium    | 165-2 | 1545589 | 1507113 | 1554631 | 1535777 | 1.64   | cps   |
| Indium     | 115-1 | 4451393 | 4373055 | 4373841 | 4399430 | 1.02   | cps   |
| Indium     | 115-2 | 318993  | 307305  | 316488  | 314262  | 1.96   | cps   |
| Iron       | 56-2  | 41384   | 41172   | 40393   | 40983   | 1.27   | cps   |
| Iron       | 57-2  | 1172    | 1067    | 1033    | 1091    | 6.65   | cps   |
| Lead       | 206-1 | 3973    | 3740    | 3912    | 3875    | 3.12   | cps   |
| Lead       | 207-1 | 3445    | 3701    | 3651    | 3599    | 3.76   | cps   |
| Lead       | 208-1 | 16610   | 16021   | 16366   | 16332   | 1.81   | cps   |
| Lithium    | 6-1   | 521813  | 519717  | 520336  | 520622  | 0.21   | cps   |
| Magnesium  | 24-2  | 18229   | 17520   | 18070   | 17940   | 2.07   | cps   |
| Manganese  | 55-2  | 327     | 430     | 443     | 400     | 15.96  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 11589   | 11923   | 12048   | 11853   | 2.00   | cps   |
| Molybdenum | 95-1  | 14508   | 14792   | 14500   | 14600   | 1.14   | cps   |
| Molybdenum | 96-1  | 16269   | 16060   | 16227   | 16185   | 0.68   | cps   |
| Molybdenum | 97-1  | 9187    | 8945    | 9045    | 9059    | 1.34   | cps   |
| Molybdenum | 98-1  | 23288   | 22553   | 22595   | 22812   | 1.81   | cps   |
| Neodymium  | 150-1 | 20      | 0       | 20      | 13      | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 797     | 820     | 790     | 802     | 1.96   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 0       | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 16735   | 16110   | 15609   | 16152   | 3.49   | cps   |
| Rhodium    | 103-1 | 4361309 | 4320326 | 4443506 | 4375047 | 1.43   | cps   |
| Rhodium    | 103-2 | 1695217 | 1603333 | 1660764 | 1653105 | 2.81   | cps   |
| Scandium   | 45-1  | 3134564 | 3141681 | 3222162 | 3166136 | 1.54   | cps   |
| Scandium   | 45-2  | 38305   | 37617   | 38530   | 38151   | 1.25   | cps   |
| Selenium   | 77-2  | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Selenium   | 78-2  | 30      | 22      | 20      | 24      | 20.36  | cps   |
| Selenium   | 82-1  | 541     | 431     | 386     | 453     | 17.57  | cps   |
| Silicon    | 28-1  | 455784  | 458169  | 445936  | 453296  | 1.43   | cps   |
| Silver     | 109-1 | 8245    | 8912    | 8478    | 8545    | 3.96   | cps   |
| Silver     | 107-1 | 8620    | 9095    | 9170    | 8962    | 3.33   | cps   |
| Sodium     | 23-2  | 51770   | 51235   | 51185   | 51397   | 0.63   | cps   |
| Strontium  | 86-1  | 3034    | 2842    | 3126    | 3000    | 4.82   | cps   |
| Strontium  | 88-1  | 16469   | 16778   | 16077   | 16441   | 2.14   | cps   |
| Sulfur     | 34-1  | 331700  | 328828  | 326751  | 329093  | 0.76   | cps   |
| Terbium    | 159-1 | 4800298 | 4840297 | 4857828 | 4832808 | 0.61   | cps   |
| Terbium    | 159-2 | 1544661 | 1497193 | 1555599 | 1532484 | 2.03   | cps   |
| Thallium   | 203-1 | 3742    | 4101    | 3859    | 3901    | 4.69   | cps   |
| Thallium   | 205-1 | 9696    | 9179    | 9387    | 9421    | 2.76   | cps   |
| Tin        | 118-1 | 23154   | 23137   | 22511   | 22934   | 1.60   | cps   |
| Titanium   | 47-1  | 4459    | 4926    | 4626    | 4670    | 5.07   | cps   |
| Uranium    | 238-1 | 10980   | 10722   | 10563   | 10755   | 1.96   | cps   |
| Vanadium   | 51-2  | 3757    | 3834    | 3884    | 3825    | 1.67   | cps   |
| Yttrium    | 89-1  | 4841249 | 4900623 | 4905756 | 4882543 | 0.73   | cps   |
| Yttrium    | 89-2  | 245819  | 234482  | 241545  | 240615  | 2.38   | cps   |
| Zinc       | 66-2  | 500     | 517     | 487     | 501     | 3.00   | cps   |
| Zirconium  | 90-1  | 10213   | 10196   | 10029   | 10146   | 1.00   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S2                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:55:39 | DataFile Name :   | 005CALS_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2292 | 2142 | 2242 | 2225    | 3.43   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 7928    | 8019    | 7827    | 7925    | 1.21   | cps   |
| Antimony   | 121-1 | 362281  | 371964  | 362055  | 365434  | 1.55   | cps   |
| Arsenic    | 75-2  | 7693    | 7613    | 7671    | 7659    | 0.54   | cps   |
| Barium     | 135-1 | 356811  | 355281  | 349595  | 353895  | 1.07   | cps   |
| Barium     | 137-1 | 615416  | 623918  | 621273  | 620202  | 0.70   | cps   |
| Beryllium  | 9-1   | 53601   | 51298   | 52374   | 52424   | 2.20   | cps   |
| Bismuth    | 209-1 | 2625984 | 2675167 | 2467553 | 2589568 | 4.19   | cps   |
| Bismuth    | 209-2 | 1205718 | 1194905 | 1187866 | 1196163 | 0.75   | cps   |
| Boron      | 10-1  | 6577    | 6702    | 6827    | 6702    | 1.87   | cps   |
| Boron      | 11-1  | 30608   | 33131   | 32129   | 31956   | 3.97   | cps   |
| Cadmium    | 111-1 | 84098   | 84009   | 83433   | 83846   | 0.43   | cps   |
| Cadmium    | 106-1 | 9162    | 9395    | 9637    | 9398    | 2.53   | cps   |
| Cadmium    | 108-1 | 5935    | 6110    | 6043    | 6029    | 1.47   | cps   |
| Calcium    | 43-1  | 104202  | 104775  | 106442  | 105140  | 1.11   | cps   |
| Calcium    | 44-1  | 1721643 | 1755768 | 1744675 | 1740695 | 1.00   | cps   |
| Chromium   | 52-2  | 62094   | 61468   | 62017   | 61859   | 0.55   | cps   |
| Cobalt     | 59-2  | 124980  | 123965  | 125976  | 124974  | 0.80   | cps   |
| Copper     | 63-2  | 213382  | 214688  | 215974  | 214682  | 0.60   | cps   |
| Dysprosium | 156-1 | 8       | 42      | 42      | 31      | 62.99  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Erbium     | 164-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 50      | 25      | 25      | 33      | 43.30  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 17      | 11      | 45.82  | cps   |
| Holmium    | 165-1 | 4570079 | 4624415 | 4330887 | 4508460 | 3.46   | cps   |
| Holmium    | 165-2 | 1593623 | 1576046 | 1564059 | 1577909 | 0.94   | cps   |
| Indium     | 115-1 | 4421345 | 4480234 | 4159621 | 4353733 | 3.92   | cps   |
| Indium     | 115-2 | 317243  | 316640  | 315917  | 316600  | 0.21   | cps   |
| Iron       | 56-2  | 2105182 | 2077309 | 2126156 | 2102882 | 1.17   | cps   |
| Iron       | 57-2  | 51925   | 51289   | 52360   | 51858   | 1.04   | cps   |
| Lead       | 206-1 | 168291  | 171900  | 175879  | 172023  | 2.21   | cps   |
| Lead       | 207-1 | 151106  | 154406  | 158107  | 154540  | 2.27   | cps   |
| Lead       | 208-1 | 686074  | 698427  | 705696  | 696732  | 1.42   | cps   |
| Lithium    | 6-1   | 529185  | 540112  | 507959  | 525752  | 3.11   | cps   |
| Magnesium  | 24-2  | 207416  | 204965  | 211612  | 207998  | 1.62   | cps   |
| Manganese  | 55-2  | 35445   | 35151   | 35870   | 35489   | 1.02   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 283941  | 284059  | 283699  | 283900  | 0.06   | cps   |
| Molybdenum | 95-1  | 162454  | 166550  | 164933  | 164646  | 1.25   | cps   |
| Molybdenum | 96-1  | 207734  | 206050  | 206506  | 206764  | 0.42   | cps   |
| Molybdenum | 97-1  | 101077  | 102621  | 103242  | 102313  | 1.09   | cps   |
| Molybdenum | 98-1  | 259075  | 264003  | 262022  | 261700  | 0.95   | cps   |
| Neodymium  | 150-1 | 33      | 20      | 20      | 24      | 31.50  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 36575   | 36585   | 37424   | 36861   | 1.32   | cps   |
| Phosphorus | 31-2  | 742     | 708     | 683     | 711     | 4.12   | cps   |
| Potassium  | 39-2  | 72286   | 71347   | 71365   | 71666   | 0.75   | cps   |
| Rhodium    | 103-1 | 4347140 | 4407253 | 4154741 | 4303045 | 3.07   | cps   |
| Rhodium    | 103-2 | 1664825 | 1642118 | 1670798 | 1659247 | 0.91   | cps   |
| Scandium   | 45-1  | 3173042 | 3188587 | 3045418 | 3135682 | 2.51   | cps   |
| Scandium   | 45-2  | 38566   | 38302   | 38553   | 38474   | 0.39   | cps   |
| Selenium   | 77-2  | 77      | 63      | 77      | 72      | 10.66  | cps   |
| Selenium   | 78-2  | 211     | 217     | 181     | 203     | 9.32   | cps   |
| Selenium   | 82-1  | 5733    | 5523    | 5443    | 5567    | 2.69   | cps   |
| Silicon    | 28-1  | 634900  | 650775  | 650328  | 645334  | 1.40   | cps   |
| Silver     | 109-1 | 394961  | 391647  | 387871  | 391493  | 0.91   | cps   |
| Silver     | 107-1 | 414115  | 419375  | 415110  | 416200  | 0.67   | cps   |
| Sodium     | 23-2  | 508764  | 505308  | 510457  | 508176  | 0.52   | cps   |
| Strontium  | 86-1  | 103591  | 104111  | 105775  | 104493  | 1.09   | cps   |
| Strontium  | 88-1  | 896057  | 890691  | 888463  | 891737  | 0.44   | cps   |
| Sulfur     | 34-1  | 359063  | 359663  | 354171  | 357633  | 0.84   | cps   |
| Terbium    | 159-1 | 4877301 | 4950654 | 4677103 | 4835020 | 2.93   | cps   |
| Terbium    | 159-2 | 1556929 | 1576841 | 1559629 | 1564466 | 0.69   | cps   |
| Thallium   | 203-1 | 213216  | 211603  | 215275  | 213365  | 0.86   | cps   |
| Thallium   | 205-1 | 499660  | 510872  | 519974  | 510169  | 1.99   | cps   |
| Tin        | 118-1 | 250256  | 254532  | 247938  | 250909  | 1.33   | cps   |
| Titanium   | 47-1  | 49463   | 50291   | 50751   | 50169   | 1.30   | cps   |
| Uranium    | 238-1 | 610446  | 617879  | 610795  | 613040  | 0.68   | cps   |
| Vanadium   | 51-2  | 43511   | 43979   | 42913   | 43467   | 1.23   | cps   |
| Yttrium    | 89-1  | 4886827 | 4897044 | 4627610 | 4803827 | 3.18   | cps   |
| Yttrium    | 89-2  | 243194  | 243587  | 246774  | 244518  | 0.80   | cps   |
| Zinc       | 66-2  | 20949   | 21220   | 21724   | 21298   | 1.85   | cps   |
| Zirconium  | 90-1  | 516883  | 521082  | 519990  | 519318  | 0.42   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S3                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 13:59:11 | DataFile Name :   | 006CALS_P8072417.D |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 116227 | 115388 | 116916 | 116177  | 0.66   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P8  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:02:42 DataFile Name : 007CAL5\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 20407   | 20156   | 20098   | 20221   | 0.81   | cps   |
| Antimony   | 121-1 | 918430  | 931230  | 924585  | 924749  | 0.69   | cps   |
| Arsenic    | 75-2  | 19560   | 19174   | 18987   | 19241   | 1.52   | cps   |
| Barium     | 135-1 | 882317  | 906678  | 903631  | 897542  | 1.48   | cps   |
| Barium     | 137-1 | 1543574 | 1589406 | 1615325 | 1582769 | 2.30   | cps   |
| Beryllium  | 9-1   | 131647  | 129658  | 130402  | 130569  | 0.77   | cps   |
| Bismuth    | 209-1 | 2618186 | 2703592 | 2693459 | 2671746 | 1.75   | cps   |
| Bismuth    | 209-2 | 1216834 | 1237630 | 1223026 | 1225830 | 0.87   | cps   |
| Boron      | 10-1  | 16860   | 15743   | 16135   | 16246   | 3.49   | cps   |
| Boron      | 11-1  | 76613   | 77301   | 76848   | 76921   | 0.45   | cps   |
| Cadmium    | 111-1 | 208404  | 211017  | 211701  | 210374  | 0.83   | cps   |
| Cadmium    | 106-1 | 22353   | 21518   | 23722   | 22531   | 4.94   | cps   |
| Cadmium    | 108-1 | 14546   | 14679   | 14667   | 14630   | 0.50   | cps   |
| Calcium    | 43-1  | 253381  | 253866  | 255366  | 254204  | 0.41   | cps   |
| Calcium    | 44-1  | 4144610 | 4196314 | 4163054 | 4167993 | 0.63   | cps   |
| Chromium   | 52-2  | 153272  | 153477  | 152507  | 153085  | 0.33   | cps   |
| Cobalt     | 59-2  | 311246  | 310704  | 310943  | 310964  | 0.09   | cps   |
| Copper     | 63-2  | 538076  | 532273  | 531413  | 533921  | 0.68   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 50      | 36      | 35.25  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 75      | 75      | 25      | 58      | 49.49  | cps   |
| Gadolinium | 160-2 | 13      | 23      | 10      | 16      | 44.60  | cps   |
| Holmium    | 165-1 | 4575024 | 4632268 | 4701025 | 4636106 | 1.36   | cps   |
| Holmium    | 165-2 | 1602556 | 1625164 | 1626079 | 1617933 | 0.82   | cps   |
| Indium     | 115-1 | 4378479 | 4487973 | 4401737 | 4422730 | 1.30   | cps   |
| Indium     | 115-2 | 323468  | 323118  | 322385  | 322990  | 0.17   | cps   |
| Iron       | 56-2  | 5157765 | 5139613 | 5142140 | 5146506 | 0.19   | cps   |
| Iron       | 57-2  | 126703  | 128750  | 128536  | 127996  | 0.88   | cps   |
| Lead       | 206-1 | 433518  | 433277  | 436630  | 434475  | 0.43   | cps   |
| Lead       | 207-1 | 392523  | 394510  | 394163  | 393732  | 0.27   | cps   |
| Lead       | 208-1 | 1755788 | 1764604 | 1776129 | 1765507 | 0.58   | cps   |
| Lithium    | 6-1   | 519240  | 545696  | 545273  | 536737  | 2.82   | cps   |
| Magnesium  | 24-2  | 515680  | 512758  | 516304  | 514914  | 0.37   | cps   |
| Manganese  | 55-2  | 88508   | 87441   | 88857   | 88269   | 0.84   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:02:42 | DataFile Name :   | 007CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 713798  | 721562  | 713295  | 716218  | 0.65   | cps   |
| Molybdenum | 95-1  | 412210  | 414333  | 414405  | 413649  | 0.30   | cps   |
| Molybdenum | 96-1  | 519872  | 516368  | 519814  | 518685  | 0.39   | cps   |
| Molybdenum | 97-1  | 256997  | 257078  | 257809  | 257295  | 0.17   | cps   |
| Molybdenum | 98-1  | 656913  | 655663  | 661581  | 658052  | 0.47   | cps   |
| Neodymium  | 150-1 | 20      | 67      | 53      | 47      | 51.51  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 92599   | 91521   | 91850   | 91990   | 0.60   | cps   |
| Phosphorus | 31-2  | 1850    | 1850    | 1792    | 1831    | 1.84   | cps   |
| Potassium  | 39-2  | 170067  | 169873  | 173709  | 171216  | 1.26   | cps   |
| Rhodium    | 103-1 | 4228742 | 4358386 | 4378643 | 4321923 | 1.88   | cps   |
| Rhodium    | 103-2 | 1686115 | 1671350 | 1674630 | 1677365 | 0.46   | cps   |
| Scandium   | 45-1  | 3139306 | 3203033 | 3161157 | 3167832 | 1.02   | cps   |
| Scandium   | 45-2  | 38697   | 39315   | 38830   | 38947   | 0.84   | cps   |
| Selenium   | 77-2  | 153     | 103     | 153     | 137     | 21.12  | cps   |
| Selenium   | 78-2  | 463     | 483     | 450     | 465     | 3.61   | cps   |
| Selenium   | 82-1  | 13850   | 13906   | 13796   | 13851   | 0.39   | cps   |
| Silicon    | 28-1  | 995300  | 875073  | 879052  | 916475  | 7.45   | cps   |
| Silver     | 109-1 | 978855  | 987659  | 995443  | 987319  | 0.84   | cps   |
| Silver     | 107-1 | 1042387 | 1043526 | 1054230 | 1046714 | 0.62   | cps   |
| Sodium     | 23-2  | 1290997 | 1285918 | 1283376 | 1286764 | 0.30   | cps   |
| Strontium  | 86-1  | 262606  | 261421  | 259464  | 261164  | 0.61   | cps   |
| Strontium  | 88-1  | 2290347 | 2257478 | 2293063 | 2280296 | 0.87   | cps   |
| Sulfur     | 34-1  | 399101  | 402449  | 395903  | 399151  | 0.82   | cps   |
| Terbium    | 159-1 | 4853457 | 4974010 | 4904818 | 4910762 | 1.23   | cps   |
| Terbium    | 159-2 | 1595125 | 1594695 | 1612580 | 1600800 | 0.64   | cps   |
| Thallium   | 203-1 | 540964  | 545398  | 539364  | 541909  | 0.58   | cps   |
| Thallium   | 205-1 | 1286784 | 1294675 | 1300633 | 1294030 | 0.54   | cps   |
| Tin        | 118-1 | 632269  | 631574  | 623177  | 629007  | 0.80   | cps   |
| Titanium   | 47-1  | 125408  | 126602  | 124635  | 125548  | 0.79   | cps   |
| Uranium    | 238-1 | 1533758 | 1582720 | 1582097 | 1566192 | 1.79   | cps   |
| Vanadium   | 51-2  | 110844  | 109538  | 108906  | 109763  | 0.90   | cps   |
| Yttrium    | 89-1  | 4841535 | 4956781 | 4915884 | 4904733 | 1.19   | cps   |
| Yttrium    | 89-2  | 250546  | 245605  | 249358  | 248503  | 1.04   | cps   |
| Zinc       | 66-2  | 52626   | 53062   | 53085   | 52924   | 0.49   | cps   |
| Zirconium  | 90-1  | 1315596 | 1332525 | 1320299 | 1322807 | 0.66   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S4                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:02:42 | DataFile Name :   | 007CALS_P8072417.D |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 292723 | 296453 | 291301 | 293492  | 0.91   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CAL5_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 40409    | 40634    | 39732    | 40258    | 1.17   | cps   |
| Antimony   | 121-1 | 1892948  | 1870273  | 1897728  | 1886983  | 0.78   | cps   |
| Arsenic    | 75-2  | 38073    | 37824    | 38099    | 37998    | 0.40   | cps   |
| Barium     | 135-1 | 1863803  | 1851460  | 1839897  | 1851720  | 0.65   | cps   |
| Barium     | 137-1 | 3252608  | 3193522  | 3221998  | 3222709  | 0.92   | cps   |
| Beryllium  | 9-1   | 263496   | 265434   | 266659   | 265196   | 0.60   | cps   |
| Bismuth    | 209-1 | 2803650  | 2795585  | 2765622  | 2788286  | 0.72   | cps   |
| Bismuth    | 209-2 | 1235748  | 1232093  | 1245370  | 1237737  | 0.55   | cps   |
| Boron      | 10-1  | 33615    | 34242    | 33799    | 33886    | 0.95   | cps   |
| Boron      | 11-1  | 156763   | 159504   | 162376   | 159548   | 1.76   | cps   |
| Cadmium    | 111-1 | 420773   | 422339   | 425020   | 422710   | 0.51   | cps   |
| Cadmium    | 106-1 | 43404    | 43563    | 43739    | 43569    | 0.38   | cps   |
| Cadmium    | 108-1 | 29562    | 29441    | 29157    | 29387    | 0.71   | cps   |
| Calcium    | 43-1  | 509870   | 512999   | 508260   | 510376   | 0.47   | cps   |
| Calcium    | 44-1  | 8249038  | 8203005  | 8192482  | 8214842  | 0.37   | cps   |
| Chromium   | 52-2  | 302289   | 296858   | 304691   | 301279   | 1.33   | cps   |
| Cobalt     | 59-2  | 618522   | 613144   | 612929   | 614865   | 0.52   | cps   |
| Copper     | 63-2  | 1061052  | 1051599  | 1053386  | 1055345  | 0.48   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 58       | 58       | 0.00   | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 50       | 8        | 17       | 25       | 88.19  | cps   |
| Erbium     | 164-2 | 10       | 27       | 7        | 14       | 74.18  | cps   |
| Gadolinium | 160-1 | 33       | 75       | 92       | 67       | 45.07  | cps   |
| Gadolinium | 160-2 | 10       | 33       | 10       | 18       | 75.77  | cps   |
| Holmium    | 165-1 | 4806206  | 4801339  | 4746856  | 4784800  | 0.69   | cps   |
| Holmium    | 165-2 | 1633455  | 1657184  | 1678054  | 1656231  | 1.35   | cps   |
| Indium     | 115-1 | 4600093  | 4537050  | 4545238  | 4560794  | 0.75   | cps   |
| Indium     | 115-2 | 319421   | 315021   | 322725   | 319056   | 1.21   | cps   |
| Iron       | 56-2  | 10156167 | 10127509 | 10117405 | 10133694 | 0.20   | cps   |
| Iron       | 57-2  | 258239   | 251801   | 256039   | 255360   | 1.28   | cps   |
| Lead       | 206-1 | 891327   | 895634   | 890830   | 892597   | 0.30   | cps   |
| Lead       | 207-1 | 803528   | 809466   | 809171   | 807388   | 0.41   | cps   |
| Lead       | 208-1 | 3653645  | 3679385  | 3659515  | 3664181  | 0.37   | cps   |
| Lithium    | 6-1   | 561542   | 562613   | 557469   | 560541   | 0.48   | cps   |
| Magnesium  | 24-2  | 1020555  | 1011911  | 1022052  | 1018173  | 0.54   | cps   |
| Manganese  | 55-2  | 172616   | 174380   | 175342   | 174112   | 0.79   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1468627 | 1463140 | 1454133 | 1461967 | 0.50   | cps   |
| Molybdenum | 95-1  | 832925  | 837715  | 834261  | 834967  | 0.30   | cps   |
| Molybdenum | 96-1  | 1046686 | 1059584 | 1050145 | 1052139 | 0.63   | cps   |
| Molybdenum | 97-1  | 520080  | 518555  | 519786  | 519474  | 0.16   | cps   |
| Molybdenum | 98-1  | 1332341 | 1334129 | 1337281 | 1334584 | 0.19   | cps   |
| Neodymium  | 150-1 | 67      | 73      | 93      | 78      | 17.84  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 181387  | 179746  | 181053  | 180729  | 0.48   | cps   |
| Phosphorus | 31-2  | 3551    | 3576    | 3584    | 3570    | 0.49   | cps   |
| Potassium  | 39-2  | 332846  | 333952  | 340110  | 335636  | 1.17   | cps   |
| Rhodium    | 103-1 | 4434088 | 4431457 | 4412975 | 4426173 | 0.26   | cps   |
| Rhodium    | 103-2 | 1675200 | 1668148 | 1687305 | 1676884 | 0.58   | cps   |
| Scandium   | 45-1  | 3213600 | 3213211 | 3214200 | 3213670 | 0.02   | cps   |
| Scandium   | 45-2  | 39191   | 38302   | 39091   | 38862   | 1.25   | cps   |
| Selenium   | 77-2  | 253     | 277     | 280     | 270     | 5.38   | cps   |
| Selenium   | 78-2  | 1017    | 1017    | 906     | 980     | 6.55   | cps   |
| Selenium   | 82-1  | 27715   | 28195   | 28187   | 28032   | 0.98   | cps   |
| Silicon    | 28-1  | 1357655 | 1374249 | 1363300 | 1365068 | 0.62   | cps   |
| Silver     | 109-1 | 2013288 | 2023474 | 2022334 | 2019699 | 0.28   | cps   |
| Silver     | 107-1 | 2153167 | 2142244 | 2139386 | 2144932 | 0.34   | cps   |
| Sodium     | 23-2  | 2521460 | 2509265 | 2531218 | 2520647 | 0.44   | cps   |
| Strontium  | 86-1  | 524767  | 527668  | 530866  | 527767  | 0.58   | cps   |
| Strontium  | 88-1  | 4613574 | 4577190 | 4547336 | 4579366 | 0.72   | cps   |
| Sulfur     | 34-1  | 479968  | 477106  | 475542  | 477539  | 0.47   | cps   |
| Terbium    | 159-1 | 5075668 | 5117432 | 5046098 | 5079733 | 0.71   | cps   |
| Terbium    | 159-2 | 1608476 | 1629070 | 1657025 | 1631524 | 1.49   | cps   |
| Thallium   | 203-1 | 1120093 | 1125729 | 1112757 | 1119527 | 0.58   | cps   |
| Thallium   | 205-1 | 2670999 | 2691944 | 2710299 | 2691081 | 0.73   | cps   |
| Tin        | 118-1 | 1285699 | 1293196 | 1283467 | 1287454 | 0.40   | cps   |
| Titanium   | 47-1  | 251817  | 254560  | 247705  | 251361  | 1.37   | cps   |
| Uranium    | 238-1 | 3312052 | 3311327 | 3265883 | 3296421 | 0.80   | cps   |
| Vanadium   | 51-2  | 217911  | 215410  | 219647  | 217656  | 0.98   | cps   |
| Yttrium    | 89-1  | 5069176 | 4987461 | 5030620 | 5029086 | 0.81   | cps   |
| Yttrium    | 89-2  | 247218  | 247563  | 247590  | 247457  | 0.08   | cps   |
| Zinc       | 66-2  | 103727  | 104063  | 103469  | 103753  | 0.29   | cps   |
| Zirconium  | 90-1  | 2748392 | 2755751 | 2714018 | 2739387 | 0.81   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S5                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:06:09 | DataFile Name :   | 008CALS_P8072417.D |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 596030 | 590758 | 592977 | 593255  | 0.45   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P8  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:09:31 DataFile Name : 009CAL5\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 78442    | 78057    | 79984    | 78828    | 1.29   | cps   |
| Antimony   | 121-1 | 3869776  | 3828982  | 3853052  | 3850603  | 0.53   | cps   |
| Arsenic    | 75-2  | 76653    | 75959    | 75510    | 76041    | 0.76   | cps   |
| Barium     | 135-1 | 3746177  | 3773766  | 3778969  | 3766304  | 0.47   | cps   |
| Barium     | 137-1 | 6437340  | 6494118  | 6545567  | 6492342  | 0.83   | cps   |
| Beryllium  | 9-1   | 536550   | 536127   | 542301   | 538326   | 0.64   | cps   |
| Bismuth    | 209-1 | 2818758  | 2867891  | 2859874  | 2848841  | 0.93   | cps   |
| Bismuth    | 209-2 | 1256060  | 1260385  | 1187714  | 1234719  | 3.30   | cps   |
| Boron      | 10-1  | 67550    | 68815    | 69292    | 68553    | 1.31   | cps   |
| Boron      | 11-1  | 316449   | 321370   | 324782   | 320867   | 1.31   | cps   |
| Cadmium    | 111-1 | 856693   | 858626   | 849656   | 854991   | 0.55   | cps   |
| Cadmium    | 106-1 | 88884    | 87853    | 87199    | 87979    | 0.97   | cps   |
| Cadmium    | 108-1 | 59355    | 60230    | 60066    | 59884    | 0.78   | cps   |
| Calcium    | 43-1  | 1014534  | 1002240  | 1018907  | 1011893  | 0.85   | cps   |
| Calcium    | 44-1  | 16466700 | 16325028 | 16483976 | 16425235 | 0.53   | cps   |
| Chromium   | 52-2  | 594107   | 593390   | 594661   | 594053   | 0.11   | cps   |
| Cobalt     | 59-2  | 1210936  | 1217656  | 1213013  | 1213868  | 0.28   | cps   |
| Copper     | 63-2  | 2107635  | 2130662  | 2089951  | 2109416  | 0.97   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 75       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 3        | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 33       | 50       | 17       | 33       | 50.00  | cps   |
| Erbium     | 164-2 | 20       | 7        | 13       | 13       | 49.99  | cps   |
| Gadolinium | 160-1 | 58       | 75       | 100      | 78       | 26.96  | cps   |
| Gadolinium | 160-2 | 13       | 20       | 17       | 17       | 20.01  | cps   |
| Holmium    | 165-1 | 5015441  | 4918687  | 5034041  | 4989390  | 1.24   | cps   |
| Holmium    | 165-2 | 1702317  | 1679952  | 1590826  | 1657699  | 3.56   | cps   |
| Indium     | 115-1 | 4554160  | 4587974  | 4586152  | 4576095  | 0.42   | cps   |
| Indium     | 115-2 | 318647   | 318226   | 298461   | 311778   | 3.70   | cps   |
| Iron       | 56-2  | 19972625 | 19865784 | 19988403 | 19942271 | 0.33   | cps   |
| Iron       | 57-2  | 502006   | 505063   | 505976   | 504348   | 0.41   | cps   |
| Lead       | 206-1 | 1853392  | 1856882  | 1849742  | 1853339  | 0.19   | cps   |
| Lead       | 207-1 | 1664470  | 1665341  | 1659027  | 1662946  | 0.21   | cps   |
| Lead       | 208-1 | 7514672  | 7556527  | 7556120  | 7542440  | 0.32   | cps   |
| Lithium    | 6-1   | 577581   | 576080   | 582458   | 578706   | 0.58   | cps   |
| Magnesium  | 24-2  | 2018884  | 2005797  | 2045228  | 2023303  | 0.99   | cps   |
| Manganese  | 55-2  | 342345   | 342853   | 341889   | 342362   | 0.14   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:09:31 | DataFile Name :   | 009CAL5_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3012164 | 2996917 | 2955838 | 2988307 | 0.97   | cps   |
| Molybdenum | 95-1  | 1721164 | 1694250 | 1710508 | 1708641 | 0.79   | cps   |
| Molybdenum | 96-1  | 2183854 | 2177280 | 2211635 | 2190923 | 0.83   | cps   |
| Molybdenum | 97-1  | 1051764 | 1060165 | 1061242 | 1057724 | 0.49   | cps   |
| Molybdenum | 98-1  | 2769322 | 2781678 | 2788375 | 2779792 | 0.35   | cps   |
| Neodymium  | 150-1 | 147     | 140     | 127     | 138     | 7.39   | cps   |
| Neodymium  | 150-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 354846  | 356629  | 356218  | 355898  | 0.26   | cps   |
| Phosphorus | 31-2  | 6960    | 6619    | 7344    | 6974    | 5.20   | cps   |
| Potassium  | 39-2  | 647463  | 653571  | 655302  | 652112  | 0.63   | cps   |
| Rhodium    | 103-1 | 4486109 | 4471083 | 4455713 | 4470968 | 0.34   | cps   |
| Rhodium    | 103-2 | 1686034 | 1662009 | 1565225 | 1637756 | 3.90   | cps   |
| Scandium   | 45-1  | 3249795 | 3194158 | 3250717 | 3231557 | 1.00   | cps   |
| Scandium   | 45-2  | 38469   | 38987   | 35839   | 37765   | 4.47   | cps   |
| Selenium   | 77-2  | 530     | 513     | 593     | 546     | 7.74   | cps   |
| Selenium   | 78-2  | 1895    | 1952    | 1943    | 1930    | 1.60   | cps   |
| Selenium   | 82-1  | 56994   | 57172   | 56939   | 57035   | 0.21   | cps   |
| Silicon    | 28-1  | 2283544 | 2273690 | 2298105 | 2285113 | 0.54   | cps   |
| Silver     | 109-1 | 4085142 | 4112012 | 4045822 | 4080992 | 0.82   | cps   |
| Silver     | 107-1 | 4287770 | 4283224 | 4255851 | 4275615 | 0.40   | cps   |
| Sodium     | 23-2  | 4875353 | 4875883 | 4934844 | 4895360 | 0.70   | cps   |
| Strontium  | 86-1  | 1058923 | 1055436 | 1053536 | 1055965 | 0.26   | cps   |
| Strontium  | 88-1  | 9136796 | 9105724 | 9146711 | 9129744 | 0.23   | cps   |
| Sulfur     | 34-1  | 622937  | 621102  | 622570  | 622203  | 0.16   | cps   |
| Terbium    | 159-1 | 5284487 | 5195057 | 5284432 | 5254659 | 0.98   | cps   |
| Terbium    | 159-2 | 1664171 | 1673675 | 1563177 | 1633674 | 3.75   | cps   |
| Thallium   | 203-1 | 2328887 | 2315933 | 2356081 | 2333634 | 0.88   | cps   |
| Thallium   | 205-1 | 5458749 | 5461939 | 5576220 | 5498969 | 1.22   | cps   |
| Tin        | 118-1 | 2677101 | 2659857 | 2658571 | 2665176 | 0.39   | cps   |
| Titanium   | 47-1  | 507752  | 504150  | 508453  | 506785  | 0.46   | cps   |
| Uranium    | 238-1 | 6782503 | 6756415 | 6767578 | 6768832 | 0.19   | cps   |
| Vanadium   | 51-2  | 431880  | 429232  | 433511  | 431541  | 0.50   | cps   |
| Yttrium    | 89-1  | 5166920 | 5043629 | 5127291 | 5112614 | 1.23   | cps   |
| Yttrium    | 89-2  | 246983  | 247670  | 231368  | 242007  | 3.81   | cps   |
| Zinc       | 66-2  | 204443  | 205390  | 206127  | 205320  | 0.41   | cps   |
| Zirconium  | 90-1  | 5457997 | 5394378 | 5501751 | 5451375 | 0.99   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S6                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:09:31 | DataFile Name :   | 009CALS_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1220248 | 1211677 | 1218476 | 1216800 | 0.37   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:12:44 DataFile Name : 010CAL5\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 152065   | 151027   | 154499   | 152530   | 1.17   | cps   |
| Antimony   | 121-1 | 7631181  | 7755926  | 7783271  | 7723459  | 1.05   | cps   |
| Arsenic    | 75-2  | 149203   | 148499   | 148082   | 148594   | 0.38   | cps   |
| Barium     | 135-1 | 7422446  | 7624868  | 7600053  | 7549123  | 1.46   | cps   |
| Barium     | 137-1 | 12932364 | 13217202 | 13234460 | 13128009 | 1.29   | cps   |
| Beryllium  | 9-1   | 1091476  | 1107603  | 1122306  | 1107129  | 1.39   | cps   |
| Bismuth    | 209-1 | 2915269  | 2955521  | 2962780  | 2944523  | 0.87   | cps   |
| Bismuth    | 209-2 | 1269740  | 1283068  | 1289256  | 1280688  | 0.78   | cps   |
| Boron      | 10-1  | 136459   | 140389   | 141179   | 139343   | 1.81   | cps   |
| Boron      | 11-1  | 640983   | 655232   | 659386   | 651867   | 1.48   | cps   |
| Cadmium    | 111-1 | 1730029  | 1757161  | 1743386  | 1743525  | 0.78   | cps   |
| Cadmium    | 106-1 | 172989   | 176856   | 175544   | 175130   | 1.12   | cps   |
| Cadmium    | 108-1 | 118771   | 121555   | 120251   | 120193   | 1.16   | cps   |
| Calcium    | 43-1  | 2045568  | 2028368  | 2038558  | 2037498  | 0.42   | cps   |
| Calcium    | 44-1  | 32380319 | 32636032 | 32676266 | 32564206 | 0.49   | cps   |
| Chromium   | 52-2  | 1149793  | 1143972  | 1156468  | 1150078  | 0.54   | cps   |
| Cobalt     | 59-2  | 2384968  | 2389235  | 2387774  | 2387325  | 0.09   | cps   |
| Copper     | 63-2  | 4099398  | 4019791  | 4061896  | 4060362  | 0.98   | cps   |
| Dysprosium | 156-1 | 108      | 167      | 183      | 153      | 25.78  | cps   |
| Dysprosium | 156-2 | 23       | 17       | 17       | 19       | 20.36  | cps   |
| Erbium     | 164-1 | 50       | 67       | 117      | 78       | 44.61  | cps   |
| Erbium     | 164-2 | 27       | 20       | 7        | 18       | 57.27  | cps   |
| Gadolinium | 160-1 | 67       | 100      | 108      | 92       | 24.05  | cps   |
| Gadolinium | 160-2 | 40       | 27       | 20       | 29       | 35.25  | cps   |
| Holmium    | 165-1 | 5059728  | 5134952  | 5153383  | 5116021  | 0.97   | cps   |
| Holmium    | 165-2 | 1731377  | 1720888  | 1733670  | 1728645  | 0.39   | cps   |
| Indium     | 115-1 | 4600065  | 4621074  | 4613503  | 4611547  | 0.23   | cps   |
| Indium     | 115-2 | 309204   | 307084   | 307773   | 308020   | 0.35   | cps   |
| Iron       | 56-2  | 38804576 | 38688186 | 38915322 | 38802694 | 0.29   | cps   |
| Iron       | 57-2  | 977821   | 976000   | 980749   | 978190   | 0.24   | cps   |
| Lead       | 206-1 | 3835088  | 3808899  | 3831771  | 3825253  | 0.37   | cps   |
| Lead       | 207-1 | 3460469  | 3505561  | 3491617  | 3485882  | 0.66   | cps   |
| Lead       | 208-1 | 15365777 | 15529323 | 15564371 | 15486490 | 0.68   | cps   |
| Lithium    | 6-1   | 592773   | 597236   | 600256   | 596755   | 0.63   | cps   |
| Magnesium  | 24-2  | 3845462  | 3855188  | 3876904  | 3859184  | 0.42   | cps   |
| Manganese  | 55-2  | 664002   | 662133   | 665726   | 663954   | 0.27   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:12:44 | DataFile Name :   | 010CAL5_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5980273  | 5993189  | 6006424  | 5993295  | 0.22   | cps   |
| Molybdenum | 95-1  | 3419310  | 3444527  | 3449694  | 3437844  | 0.47   | cps   |
| Molybdenum | 96-1  | 4322984  | 4410875  | 4370975  | 4368278  | 1.01   | cps   |
| Molybdenum | 97-1  | 2141044  | 2221798  | 2189909  | 2184250  | 1.86   | cps   |
| Molybdenum | 98-1  | 5497179  | 5521714  | 5582360  | 5533751  | 0.79   | cps   |
| Neodymium  | 150-1 | 333      | 280      | 307      | 307      | 8.70   | cps   |
| Neodymium  | 150-2 | 20       | 20       | 20       | 20       | 0.00   | cps   |
| Nickel     | 60-2  | 690144   | 683592   | 683478   | 685738   | 0.56   | cps   |
| Phosphorus | 31-2  | 13182    | 12973    | 13207    | 13121    | 0.98   | cps   |
| Potassium  | 39-2  | 1293493  | 1287497  | 1290296  | 1290429  | 0.23   | cps   |
| Rhodium    | 103-1 | 4443621  | 4466864  | 4435278  | 4448588  | 0.37   | cps   |
| Rhodium    | 103-2 | 1665006  | 1652332  | 1657251  | 1658196  | 0.39   | cps   |
| Scandium   | 45-1  | 3219271  | 3185628  | 3210294  | 3205065  | 0.54   | cps   |
| Scandium   | 45-2  | 38396    | 38135    | 38342    | 38291    | 0.36   | cps   |
| Selenium   | 77-2  | 993      | 1117     | 1107     | 1072     | 6.39   | cps   |
| Selenium   | 78-2  | 3797     | 3738     | 3682     | 3739     | 1.54   | cps   |
| Selenium   | 82-1  | 112758   | 112684   | 113943   | 113128   | 0.62   | cps   |
| Silicon    | 28-1  | 3771973  | 3825939  | 3868988  | 3822300  | 1.27   | cps   |
| Silver     | 109-1 | 8067961  | 8181758  | 7977111  | 8075610  | 1.27   | cps   |
| Silver     | 107-1 | 8418585  | 8597113  | 8451397  | 8489032  | 1.12   | cps   |
| Sodium     | 23-2  | 9446341  | 9369547  | 9437260  | 9417716  | 0.45   | cps   |
| Strontium  | 86-1  | 2130950  | 2177696  | 2186670  | 2165105  | 1.38   | cps   |
| Strontium  | 88-1  | 18419179 | 18758499 | 18474265 | 18550648 | 0.98   | cps   |
| Sulfur     | 34-1  | 919901   | 919875   | 918821   | 919532   | 0.07   | cps   |
| Terbium    | 159-1 | 5393923  | 5401013  | 5438771  | 5411236  | 0.45   | cps   |
| Terbium    | 159-2 | 1680162  | 1696555  | 1716463  | 1697727  | 1.07   | cps   |
| Thallium   | 203-1 | 4728351  | 4765966  | 4771435  | 4755251  | 0.49   | cps   |
| Thallium   | 205-1 | 11065797 | 11099948 | 11291885 | 11152543 | 1.09   | cps   |
| Tin        | 118-1 | 5293815  | 5322295  | 5366530  | 5327546  | 0.69   | cps   |
| Titanium   | 47-1  | 999128   | 1005577  | 1009614  | 1004773  | 0.53   | cps   |
| Uranium    | 238-1 | 13815066 | 13923031 | 13994271 | 13910789 | 0.65   | cps   |
| Vanadium   | 51-2  | 836449   | 838362   | 843904   | 839572   | 0.46   | cps   |
| Yttrium    | 89-1  | 5135807  | 5153507  | 5188917  | 5159410  | 0.52   | cps   |
| Yttrium    | 89-2  | 245470   | 243841   | 245914   | 245075   | 0.45   | cps   |
| Zinc       | 66-2  | 401088   | 398852   | 399201   | 399713   | 0.30   | cps   |
| Zirconium  | 90-1  | 11084288 | 11143693 | 11266994 | 11164992 | 0.83   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S7                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:12:44 | DataFile Name :   | 010CALS_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2534066 | 2527101 | 2524093 | 2528420 | 0.20   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CALC_P8072417.D |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 779317    | 797399    | 799046    | 791921    | 1.38   | cps   |
| Antimony   | 121-1 | 18380     | 18372     | 18030     | 18260     | 1.09   | cps   |
| Arsenic    | 75-2  | 78        | 100       | 76        | 85        | 15.84  | cps   |
| Barium     | 135-1 | 3792      | 3551      | 3467      | 3603      | 4.69   | cps   |
| Barium     | 137-1 | 6569      | 6435      | 6602      | 6535      | 1.35   | cps   |
| Beryllium  | 9-1   | 333       | 378       | 306       | 339       | 10.75  | cps   |
| Bismuth    | 209-1 | 2883828   | 2853408   | 2793770   | 2843669   | 1.61   | cps   |
| Bismuth    | 209-2 | 1192896   | 1166639   | 1197647   | 1185727   | 1.41   | cps   |
| Boron      | 10-1  | 5493      | 5335      | 4501      | 5109      | 10.43  | cps   |
| Boron      | 11-1  | 25089     | 24288     | 21926     | 23768     | 6.92   | cps   |
| Cadmium    | 111-1 | 1101      | 1397      | 1316      | 1271      | 12.02  | cps   |
| Cadmium    | 106-1 | 1008      | 1375      | 1350      | 1245      | 16.46  | cps   |
| Cadmium    | 108-1 | 54        | 46        | 54        | 51        | 9.37   | cps   |
| Calcium    | 43-1  | 10479732  | 10663086  | 10444749  | 10529189  | 1.11   | cps   |
| Calcium    | 44-1  | 169689925 | 171210458 | 170384712 | 170428365 | 0.45   | cps   |
| Chromium   | 52-2  | 36177     | 36441     | 36377     | 36332     | 0.38   | cps   |
| Cobalt     | 59-2  | 4047      | 4094      | 4161      | 4101      | 1.39   | cps   |
| Copper     | 63-2  | 8886      | 8740      | 8780      | 8802      | 0.86   | cps   |
| Dysprosium | 156-1 | 108       | 58        | 125       | 97        | 35.68  | cps   |
| Dysprosium | 156-2 | 47        | 33        | 27        | 36        | 28.64  | cps   |
| Erbium     | 164-1 | 67        | 83        | 50        | 67        | 25.00  | cps   |
| Erbium     | 164-2 | 17        | 17        | 7         | 13        | 43.29  | cps   |
| Gadolinium | 160-1 | 125       | 100       | 142       | 122       | 17.16  | cps   |
| Gadolinium | 160-2 | 47        | 37        | 27        | 37        | 27.27  | cps   |
| Holmium    | 165-1 | 5188049   | 5225757   | 5113287   | 5175698   | 1.11   | cps   |
| Holmium    | 165-2 | 1721415   | 1642692   | 1695316   | 1686474   | 2.38   | cps   |
| Indium     | 115-1 | 4685992   | 4621867   | 4645860   | 4651240   | 0.70   | cps   |
| Indium     | 115-2 | 314009    | 307975    | 319157    | 313714    | 1.78   | cps   |
| Iron       | 56-2  | 193532104 | 196695571 | 194238149 | 194821941 | 0.85   | cps   |
| Iron       | 57-2  | 4762571   | 4875170   | 4839613   | 4825784   | 1.19   | cps   |
| Lead       | 206-1 | 8592      | 8675      | 8414      | 8561      | 1.56   | cps   |
| Lead       | 207-1 | 7186      | 7397      | 7536      | 7373      | 2.39   | cps   |
| Lead       | 208-1 | 33451     | 34208     | 34102     | 33921     | 1.21   | cps   |
| Lithium    | 6-1   | 627468    | 623867    | 629727    | 627020    | 0.47   | cps   |
| Magnesium  | 24-2  | 19591210  | 19876576  | 19864323  | 19777370  | 0.82   | cps   |
| Manganese  | 55-2  | 3694      | 3607      | 3714      | 3672      | 1.54   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CAL5_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 10663    | 10488    | 11272    | 10807    | 3.81   | cps   |
| Molybdenum | 95-1  | 16736    | 16953    | 17153    | 16947    | 1.23   | cps   |
| Molybdenum | 96-1  | 19866    | 19707    | 19223    | 19598    | 1.71   | cps   |
| Molybdenum | 97-1  | 10705    | 10646    | 10021    | 10457    | 3.62   | cps   |
| Molybdenum | 98-1  | 26243    | 26585    | 26468    | 26432    | 0.66   | cps   |
| Neodymium  | 150-1 | 93       | 47       | 147      | 96       | 52.36  | cps   |
| Neodymium  | 150-2 | 13       | 23       | 3        | 13       | 75.02  | cps   |
| Nickel     | 60-2  | 11792    | 12256    | 12226    | 12091    | 2.15   | cps   |
| Phosphorus | 31-2  | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Potassium  | 39-2  | 6379632  | 6503041  | 6501628  | 6461434  | 1.10   | cps   |
| Rhodium    | 103-1 | 4309654  | 4369443  | 4364505  | 4347867  | 0.76   | cps   |
| Rhodium    | 103-2 | 1579613  | 1528634  | 1589046  | 1565764  | 2.08   | cps   |
| Scandium   | 45-1  | 3219263  | 3205814  | 3241300  | 3222126  | 0.56   | cps   |
| Scandium   | 45-2  | 37149    | 37350    | 38503    | 37667    | 1.94   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 6        | 11       | 6        | 7        | 43.24  | cps   |
| Selenium   | 82-1  | 107      | 58       | 129      | 98       | 37.17  | cps   |
| Silicon    | 28-1  | 552013   | 557569   | 562883   | 557488   | 0.97   | cps   |
| Silver     | 109-1 | 1559     | 1717     | 1817     | 1697     | 7.68   | cps   |
| Silver     | 107-1 | 1900     | 1792     | 1725     | 1806     | 4.89   | cps   |
| Sodium     | 23-2  | 47984106 | 48176843 | 48233904 | 48131618 | 0.27   | cps   |
| Strontium  | 86-1  | 75701    | 77043    | 76372    | 76372    | 0.88   | cps   |
| Strontium  | 88-1  | 656820   | 654922   | 650593   | 654112   | 0.49   | cps   |
| Sulfur     | 34-1  | 356044   | 363428   | 359697   | 359723   | 1.03   | cps   |
| Terbium    | 159-1 | 5455892  | 5461972  | 5365674  | 5427846  | 0.99   | cps   |
| Terbium    | 159-2 | 1665221  | 1596662  | 1651441  | 1637775  | 2.21   | cps   |
| Thallium   | 203-1 | 3492     | 3317     | 3076     | 3295     | 6.35   | cps   |
| Thallium   | 205-1 | 8336     | 7269     | 7544     | 7717     | 7.18   | cps   |
| Tin        | 118-1 | 7394     | 7244     | 7319     | 7319     | 1.03   | cps   |
| Titanium   | 47-1  | 1317     | 1350     | 1667     | 1445     | 13.38  | cps   |
| Uranium    | 238-1 | 3492     | 3484     | 3342     | 3440     | 2.45   | cps   |
| Vanadium   | 51-2  | 653      | 687      | 680      | 673      | 2.62   | cps   |
| Yttrium    | 89-1  | 5215349  | 5312040  | 5294763  | 5274051  | 0.98   | cps   |
| Yttrium    | 89-2  | 245007   | 239595   | 249141   | 244581   | 1.96   | cps   |
| Zinc       | 66-2  | 3531     | 3454     | 3300     | 3428     | 3.42   | cps   |
| Zirconium  | 90-1  | 3309     | 3426     | 3676     | 3470     | 5.40   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8                 |
| Client Sample ID :      | S8                  | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:15:54 | DataFile Name :   | 011CALS_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 775  | 775  | 742  | 764     | 2.52   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P8  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:25:23 DataFile Name : 012ICV01\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3559    | 3984    | 4234    | 3926    | 8.70   | cps   |
| Antimony   | 121-1 | 1453103 | 1459665 | 1472973 | 1461914 | 0.69   | cps   |
| Arsenic    | 75-2  | 29635   | 30005   | 30027   | 29889   | 0.74   | cps   |
| Barium     | 135-1 | 143344  | 144237  | 146620  | 144734  | 1.17   | cps   |
| Barium     | 137-1 | 253896  | 255186  | 253744  | 254275  | 0.31   | cps   |
| Beryllium  | 9-1   | 105624  | 107292  | 108943  | 107286  | 1.55   | cps   |
| Bismuth    | 209-1 | 2809755 | 2855391 | 2893119 | 2852755 | 1.46   | cps   |
| Bismuth    | 209-2 | 1263756 | 1269627 | 1275246 | 1269543 | 0.45   | cps   |
| Boron      | 10-1  | 71462   | 71395   | 70297   | 71051   | 0.92   | cps   |
| Boron      | 11-1  | 332312  | 334163  | 340438  | 335638  | 1.27   | cps   |
| Cadmium    | 111-1 | 173345  | 172277  | 173603  | 173075  | 0.41   | cps   |
| Cadmium    | 106-1 | 26719   | 25291   | 26060   | 26023   | 2.75   | cps   |
| Cadmium    | 108-1 | 14283   | 14646   | 14495   | 14475   | 1.26   | cps   |
| Calcium    | 43-1  | 47398   | 46829   | 47197   | 47141   | 0.61   | cps   |
| Calcium    | 44-1  | 743483  | 737238  | 747128  | 742617  | 0.67   | cps   |
| Chromium   | 52-2  | 117542  | 116678  | 117989  | 117403  | 0.57   | cps   |
| Cobalt     | 59-2  | 245197  | 244484  | 246607  | 245429  | 0.44   | cps   |
| Copper     | 63-2  | 208050  | 211203  | 213111  | 210788  | 1.21   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 42      | 67      | 58      | 24.74  | cps   |
| Erbium     | 164-2 | 20      | 23      | 20      | 21      | 9.11   | cps   |
| Gadolinium | 160-1 | 33      | 50      | 8       | 31      | 68.64  | cps   |
| Gadolinium | 160-2 | 20      | 20      | 10      | 17      | 34.64  | cps   |
| Holmium    | 165-1 | 4859382 | 4824040 | 4905044 | 4862822 | 0.84   | cps   |
| Holmium    | 165-2 | 1680285 | 1671275 | 1706234 | 1685932 | 1.08   | cps   |
| Indium     | 115-1 | 4581849 | 4628773 | 4606498 | 4605707 | 0.51   | cps   |
| Indium     | 115-2 | 322275  | 323020  | 322279  | 322524  | 0.13   | cps   |
| Iron       | 56-2  | 809272  | 801913  | 800651  | 803945  | 0.58   | cps   |
| Iron       | 57-2  | 21289   | 20577   | 20527   | 20797   | 2.05   | cps   |
| Lead       | 206-1 | 709523  | 728106  | 721896  | 719842  | 1.31   | cps   |
| Lead       | 207-1 | 624256  | 633056  | 636194  | 631169  | 0.98   | cps   |
| Lead       | 208-1 | 2847699 | 2896940 | 2909319 | 2884653 | 1.13   | cps   |
| Lithium    | 6-1   | 593049  | 614086  | 610395  | 605843  | 1.85   | cps   |
| Magnesium  | 24-2  | 49060   | 48308   | 48751   | 48706   | 0.78   | cps   |
| Manganese  | 55-2  | 34543   | 33821   | 34349   | 34238   | 1.09   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-24 14:25:23 | DataFile Name :   | 012ICV01_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2806902 | 2837964 | 2797992 | 2814286 | 0.75   | cps   |
| Molybdenum | 95-1  | 1563936 | 1564032 | 1546995 | 1558321 | 0.63   | cps   |
| Molybdenum | 96-1  | 1995020 | 2029430 | 2002352 | 2008934 | 0.90   | cps   |
| Molybdenum | 97-1  | 950121  | 957208  | 962909  | 956746  | 0.67   | cps   |
| Molybdenum | 98-1  | 2475552 | 2519970 | 2543211 | 2512911 | 1.37   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 72019   | 73432   | 72042   | 72498   | 1.12   | cps   |
| Phosphorus | 31-2  | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Potassium  | 39-2  | 57092   | 58707   | 56590   | 57463   | 1.92   | cps   |
| Rhodium    | 103-1 | 4569768 | 4582099 | 4572441 | 4574769 | 0.14   | cps   |
| Rhodium    | 103-2 | 1737004 | 1724094 | 1740897 | 1733999 | 0.51   | cps   |
| Scandium   | 45-1  | 3238333 | 3272052 | 3312711 | 3274366 | 1.14   | cps   |
| Scandium   | 45-2  | 39870   | 39536   | 39456   | 39620   | 0.55   | cps   |
| Selenium   | 77-2  | 273     | 230     | 167     | 223     | 24.02  | cps   |
| Selenium   | 78-2  | 778     | 752     | 726     | 752     | 3.45   | cps   |
| Selenium   | 82-1  | 21973   | 22630   | 22631   | 22411   | 1.70   | cps   |
| Silicon    | 28-1  | 1930440 | 1938038 | 1955931 | 1941470 | 0.67   | cps   |
| Silver     | 109-1 | 789265  | 788669  | 796788  | 791574  | 0.57   | cps   |
| Silver     | 107-1 | 832951  | 834481  | 845982  | 837805  | 0.85   | cps   |
| Sodium     | 23-2  | 207100  | 207955  | 206764  | 207273  | 0.30   | cps   |
| Strontium  | 86-1  | 980097  | 979290  | 995622  | 985003  | 0.93   | cps   |
| Strontium  | 88-1  | 8437130 | 8446455 | 8516568 | 8466717 | 0.51   | cps   |
| Sulfur     | 34-1  | 349973  | 345742  | 338901  | 344872  | 1.62   | cps   |
| Terbium    | 159-1 | 5133709 | 5186868 | 5359416 | 5226664 | 2.26   | cps   |
| Terbium    | 159-2 | 1676512 | 1659180 | 1656701 | 1664131 | 0.65   | cps   |
| Thallium   | 203-1 | 910167  | 909217  | 913754  | 911046  | 0.26   | cps   |
| Thallium   | 205-1 | 2182167 | 2220385 | 2186538 | 2196363 | 0.95   | cps   |
| Tin        | 118-1 | 2406709 | 2427852 | 2418951 | 2417837 | 0.44   | cps   |
| Titanium   | 47-1  | 467723  | 461378  | 465476  | 464859  | 0.69   | cps   |
| Uranium    | 238-1 | 6210035 | 6464138 | 6449364 | 6374512 | 2.24   | cps   |
| Vanadium   | 51-2  | 85368   | 85291   | 85543   | 85401   | 0.15   | cps   |
| Yttrium    | 89-1  | 5070887 | 5165917 | 5199960 | 5145588 | 1.30   | cps   |
| Yttrium    | 89-2  | 251281  | 253620  | 252083  | 252328  | 0.47   | cps   |
| Zinc       | 66-2  | 42843   | 42064   | 42168   | 42358   | 1.00   | cps   |
| Zirconium  | 90-1  | 5288617 | 5302973 | 5316242 | 5302611 | 0.26   | cps   |

|                         |                     |                   |                     |
|-------------------------|---------------------|-------------------|---------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal              |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8                  |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1                   |
| Date & Time Acquired :: | 2017-07-24 14:25:23 | DataFile Name :   | 012ICV01_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1168193 | 1185253 | 1174773 | 1176073 | 0.73   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:30:55 DataFile Name : 013CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 0       | 50      | 33      | 28      | 91.65  | cps   |
| Antimony   | 121-1 | 367     | 342     | 425     | 378     | 11.32  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 25      | 50      | 33      | 36      | 35.25  | cps   |
| Barium     | 137-1 | 17      | 42      | 75      | 44      | 65.84  | cps   |
| Beryllium  | 9-1   | 111     | 94      | 83      | 96      | 14.51  | cps   |
| Bismuth    | 209-1 | 2732426 | 2732476 | 2766824 | 2743909 | 0.72   | cps   |
| Bismuth    | 209-2 | 1227203 | 1227733 | 1220738 | 1225224 | 0.32   | cps   |
| Boron      | 10-1  | 1167    | 1208    | 1058    | 1145    | 6.77   | cps   |
| Boron      | 11-1  | 5143    | 5968    | 5093    | 5401    | 9.10   | cps   |
| Cadmium    | 111-1 | 956     | 761     | 760     | 825     | 13.66  | cps   |
| Cadmium    | 106-1 | 1333    | 1075    | 1083    | 1164    | 12.61  | cps   |
| Cadmium    | 108-1 | 4       | 0       | 4       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 3226    | 2950    | 3251    | 3142    | 5.30   | cps   |
| Calcium    | 44-1  | 55478   | 54431   | 55109   | 55006   | 0.96   | cps   |
| Chromium   | 52-2  | 993     | 1053    | 1103    | 1050    | 5.25   | cps   |
| Cobalt     | 59-2  | 63      | 50      | 63      | 59      | 13.07  | cps   |
| Copper     | 63-2  | 343     | 343     | 343     | 343     | 0.00   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 75      | 33      | 58      | 56      | 37.74  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 4717688 | 4621756 | 4765163 | 4701536 | 1.55   | cps   |
| Holmium    | 165-2 | 1607516 | 1649944 | 1604982 | 1620814 | 1.56   | cps   |
| Indium     | 115-1 | 4508360 | 4471723 | 4606926 | 4529003 | 1.54   | cps   |
| Indium     | 115-2 | 325959  | 324231  | 326836  | 325676  | 0.41   | cps   |
| Iron       | 56-2  | 4467    | 4223    | 4229    | 4306    | 3.24   | cps   |
| Iron       | 57-2  | 133     | 117     | 100     | 117     | 14.29  | cps   |
| Lead       | 206-1 | 394     | 506     | 461     | 454     | 12.33  | cps   |
| Lead       | 207-1 | 433     | 389     | 350     | 391     | 10.67  | cps   |
| Lead       | 208-1 | 1772    | 1895    | 1728    | 1798    | 4.80   | cps   |
| Lithium    | 6-1   | 580182  | 580313  | 575355  | 578617  | 0.49   | cps   |
| Magnesium  | 24-2  | 158     | 108     | 183     | 150     | 25.46  | cps   |
| Manganese  | 55-2  | 73      | 60      | 73      | 69      | 11.18  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:30:55 | DataFile Name :   | 013CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 217     | 258     | 250     | 242     | 9.12   | cps   |
| Molybdenum | 95-1  | 25      | 42      | 50      | 39      | 32.73  | cps   |
| Molybdenum | 96-1  | 92      | 133     | 175     | 133     | 31.25  | cps   |
| Molybdenum | 97-1  | 67      | 108     | 58      | 78      | 34.44  | cps   |
| Molybdenum | 98-1  | 83      | 92      | 58      | 78      | 22.30  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 73      | 113     | 77      | 88      | 25.29  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4276    | 4518    | 4443    | 4412    | 2.80   | cps   |
| Rhodium    | 103-1 | 4515157 | 4418164 | 4534422 | 4489248 | 1.39   | cps   |
| Rhodium    | 103-2 | 1749711 | 1731313 | 1730761 | 1737262 | 0.62   | cps   |
| Scandium   | 45-1  | 3178790 | 3202467 | 3225045 | 3202101 | 0.72   | cps   |
| Scandium   | 45-2  | 38800   | 38623   | 38921   | 38781   | 0.39   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 7       | 4       | 4       | 65.54  | cps   |
| Selenium   | 82-1  | 20      | -10     | 3       | 4       | 340.00 | cps   |
| Silicon    | 28-1  | 407719  | 403498  | 402685  | 404634  | 0.67   | cps   |
| Silver     | 109-1 | 158     | 150     | 125     | 144     | 12.01  | cps   |
| Silver     | 107-1 | 142     | 158     | 108     | 136     | 18.70  | cps   |
| Sodium     | 23-2  | 9128    | 9612    | 9170    | 9303    | 2.88   | cps   |
| Strontium  | 86-1  | 1117    | 1242    | 1300    | 1220    | 7.68   | cps   |
| Strontium  | 88-1  | 242     | 283     | 183     | 236     | 21.28  | cps   |
| Sulfur     | 34-1  | 337782  | 342254  | 340803  | 340280  | 0.67   | cps   |
| Terbium    | 159-1 | 4975464 | 4979181 | 5075335 | 5009993 | 1.13   | cps   |
| Terbium    | 159-2 | 1588607 | 1592035 | 1602006 | 1594216 | 0.44   | cps   |
| Thallium   | 203-1 | 175     | 283     | 242     | 233     | 23.42  | cps   |
| Thallium   | 205-1 | 442     | 483     | 533     | 486     | 9.44   | cps   |
| Tin        | 118-1 | 1450    | 1283    | 1217    | 1317    | 9.13   | cps   |
| Titanium   | 47-1  | 150     | 142     | 175     | 156     | 11.15  | cps   |
| Uranium    | 238-1 | 50      | 75      | 117     | 81      | 41.81  | cps   |
| Vanadium   | 51-2  | 17      | 17      | 27      | 20      | 28.86  | cps   |
| Yttrium    | 89-1  | 4981453 | 4942503 | 5028801 | 4984252 | 0.87   | cps   |
| Yttrium    | 89-2  | 250402  | 248160  | 251029  | 249864  | 0.60   | cps   |
| Zinc       | 66-2  | 93      | 97      | 93      | 94      | 2.04   | cps   |
| Zirconium  | 90-1  | 642     | 658     | 525     | 608     | 11.94  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:30:55 | DataFile Name :   | 013CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 192  | 150  | 158     | 18.98  | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 698387   | 694832   | 696050   | 696423   | 0.26   | cps   |
| Antimony   | 121-1 | 8778     | 8628     | 9095     | 8834     | 2.70   | cps   |
| Arsenic    | 75-2  | 37       | 39       | 44       | 40       | 9.61   | cps   |
| Barium     | 135-1 | 2234     | 2092     | 2200     | 2175     | 3.41   | cps   |
| Barium     | 137-1 | 3834     | 3751     | 3742     | 3776     | 1.34   | cps   |
| Beryllium  | 9-1   | 272      | 222      | 328      | 274      | 19.27  | cps   |
| Bismuth    | 209-1 | 2769336  | 2774841  | 2752349  | 2765508  | 0.42   | cps   |
| Bismuth    | 209-2 | 1195425  | 1181267  | 1192521  | 1189738  | 0.63   | cps   |
| Boron      | 10-1  | 1150     | 1258     | 1142     | 1183     | 5.50   | cps   |
| Boron      | 11-1  | 5701     | 5226     | 4826     | 5251     | 8.34   | cps   |
| Cadmium    | 111-1 | 1284     | 1154     | 1143     | 1194     | 6.55   | cps   |
| Cadmium    | 106-1 | 1192     | 1100     | 958      | 1083     | 10.85  | cps   |
| Cadmium    | 108-1 | 763      | 821      | 658      | 747      | 11.02  | cps   |
| Calcium    | 43-1  | 1930607  | 1919149  | 1912291  | 1920683  | 0.48   | cps   |
| Calcium    | 44-1  | 30914997 | 30604485 | 30818012 | 30779165 | 0.52   | cps   |
| Chromium   | 52-2  | 22919    | 23083    | 23026    | 23009    | 0.36   | cps   |
| Cobalt     | 59-2  | 2680     | 2624     | 2470     | 2591     | 4.19   | cps   |
| Copper     | 63-2  | 15672    | 15415    | 15786    | 15625    | 1.21   | cps   |
| Dysprosium | 156-1 | 67       | 67       | 33       | 56       | 34.65  | cps   |
| Dysprosium | 156-2 | 3        | 13       | 10       | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Erbium     | 164-2 | 17       | 7        | 3        | 9        | 78.08  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 75       | 78       | 6.19   | cps   |
| Gadolinium | 160-2 | 33       | 43       | 23       | 33       | 30.00  | cps   |
| Holmium    | 165-1 | 4899782  | 4865308  | 4923205  | 4896098  | 0.59   | cps   |
| Holmium    | 165-2 | 1681350  | 1672381  | 1646896  | 1666876  | 1.07   | cps   |
| Indium     | 115-1 | 4538540  | 4529978  | 4502394  | 4523637  | 0.42   | cps   |
| Indium     | 115-2 | 313479   | 312576   | 312681   | 312912   | 0.16   | cps   |
| Iron       | 56-2  | 74967152 | 73535207 | 74178560 | 74226973 | 0.97   | cps   |
| Iron       | 57-2  | 1902325  | 1875414  | 1878836  | 1885525  | 0.78   | cps   |
| Lead       | 206-1 | 16400    | 16962    | 16745    | 16702    | 1.70   | cps   |
| Lead       | 207-1 | 13107    | 12818    | 13441    | 13122    | 2.38   | cps   |
| Lead       | 208-1 | 61704    | 62634    | 62171    | 62170    | 0.75   | cps   |
| Lithium    | 6-1   | 552689   | 555382   | 542586   | 550219   | 1.23   | cps   |
| Magnesium  | 24-2  | 3690963  | 3643452  | 3673998  | 3669471  | 0.66   | cps   |
| Manganese  | 55-2  | 2440     | 2654     | 2670     | 2588     | 4.96   | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|----------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 3530075  | 3556273 | 3542933 | 3543094 | 0.37    | cps   |
| Molybdenum | 95-1  | 6116010  | 6142165 | 6168185 | 6142120 | 0.42    | cps   |
| Molybdenum | 96-1  | 6626207  | 6600442 | 6635471 | 6620707 | 0.27    | cps   |
| Molybdenum | 97-1  | 3884314  | 3900590 | 3866578 | 3883827 | 0.44    | cps   |
| Molybdenum | 98-1  | 10091555 | 9955495 | 9946230 | 9997760 | 0.81    | cps   |
| Neodymium  | 150-1 | 33       | 27      | 40      | 33      | 20.00   | cps   |
| Neodymium  | 150-2 | 3        | 10      | 0       | 4       | 114.60  | cps   |
| Nickel     | 60-2  | 3524     | 3727    | 3691    | 3647    | 2.97    | cps   |
| Phosphorus | 31-2  | 62706    | 61401   | 61392   | 61833   | 1.22    | cps   |
| Potassium  | 39-2  | 2507701  | 2488925 | 2500925 | 2499184 | 0.38    | cps   |
| Rhodium    | 103-1 | 4371083  | 4319198 | 4350502 | 4346928 | 0.60    | cps   |
| Rhodium    | 103-2 | 1632721  | 1611450 | 1625929 | 1623367 | 0.67    | cps   |
| Scandium   | 45-1  | 3181749  | 3199720 | 3231816 | 3204428 | 0.79    | cps   |
| Scandium   | 45-2  | 37403    | 37460   | 38232   | 37698   | 1.23    | cps   |
| Selenium   | 77-2  | 0        | 0       | 7       | 2       | 173.21  | cps   |
| Selenium   | 78-2  | 6        | 7       | 2       | 5       | 57.32   | cps   |
| Selenium   | 82-1  | -20      | 29      | -32     | -8      | -421.04 | cps   |
| Silicon    | 28-1  | 505353   | 498041  | 496748  | 500047  | 0.93    | cps   |
| Silver     | 109-1 | 1233     | 1358    | 1250    | 1281    | 5.30    | cps   |
| Silver     | 107-1 | 1217     | 1392    | 1400    | 1336    | 7.75    | cps   |
| Sodium     | 23-2  | 9178891  | 8906209 | 9132664 | 9072588 | 1.61    | cps   |
| Strontium  | 86-1  | 68372    | 70323   | 69125   | 69273   | 1.42    | cps   |
| Strontium  | 88-1  | 590855   | 593238  | 596007  | 593367  | 0.43    | cps   |
| Sulfur     | 34-1  | 2580819  | 2529674 | 2530757 | 2547083 | 1.15    | cps   |
| Terbium    | 159-1 | 5188011  | 5191184 | 5288859 | 5222685 | 1.10    | cps   |
| Terbium    | 159-2 | 1604543  | 1614668 | 1610120 | 1609777 | 0.32    | cps   |
| Thallium   | 203-1 | 867      | 858     | 608     | 778     | 18.87   | cps   |
| Thallium   | 205-1 | 1942     | 1684    | 1584    | 1736    | 10.65   | cps   |
| Tin        | 118-1 | 2200     | 2384    | 2342    | 2309    | 4.16    | cps   |
| Titanium   | 47-1  | 1892500  | 1905230 | 1890910 | 1896214 | 0.41    | cps   |
| Uranium    | 238-1 | 308      | 275     | 333     | 306     | 9.58    | cps   |
| Vanadium   | 51-2  | 143      | 147     | 173     | 154     | 10.65   | cps   |
| Yttrium    | 89-1  | 5072923  | 5066600 | 5043846 | 5061123 | 0.30    | cps   |
| Yttrium    | 89-2  | 245769   | 242604  | 243878  | 244084  | 0.65    | cps   |
| Zinc       | 66-2  | 2420     | 2294    | 2350    | 2355    | 2.70    | cps   |
| Zirconium  | 90-1  | 6935     | 7261    | 7027    | 7074    | 2.37    | cps   |

|                         |                     |                   |                      |
|-------------------------|---------------------|-------------------|----------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal               |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8                   |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1                    |
| Date & Time Acquired :: | 2017-07-24 14:34:07 | DataFile Name :   | 014ICSA01_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1750 | 1450 | 1408 | 1536    | 12.14  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P8  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:37:12 DataFile Name : 015ICSB\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 700334   | 703647   | 701971   | 701984   | 0.24   | cps   |
| Antimony   | 121-1 | 151957   | 151534   | 151848   | 151780   | 0.14   | cps   |
| Arsenic    | 75-2  | 3021     | 3006     | 2891     | 2973     | 2.39   | cps   |
| Barium     | 135-1 | 30787    | 30695    | 31046    | 30843    | 0.59   | cps   |
| Barium     | 137-1 | 55284    | 54481    | 54898    | 54887    | 0.73   | cps   |
| Beryllium  | 9-1   | 20904    | 19603    | 20159    | 20222    | 3.23   | cps   |
| Bismuth    | 209-1 | 2741428  | 2723989  | 2455318  | 2640245  | 6.07   | cps   |
| Bismuth    | 209-2 | 1181445  | 1193510  | 1179172  | 1184709  | 0.65   | cps   |
| Boron      | 10-1  | 7252     | 7185     | 7094     | 7177     | 1.11   | cps   |
| Boron      | 11-1  | 32613    | 33682    | 33632    | 33309    | 1.81   | cps   |
| Cadmium    | 111-1 | 32989    | 33182    | 34008    | 33393    | 1.62   | cps   |
| Cadmium    | 106-1 | 4426     | 4559     | 5051     | 4679     | 7.04   | cps   |
| Cadmium    | 108-1 | 3205     | 3230     | 3138     | 3191     | 1.49   | cps   |
| Calcium    | 43-1  | 1921458  | 1934066  | 1925601  | 1927042  | 0.33   | cps   |
| Calcium    | 44-1  | 30717411 | 31212844 | 31039805 | 30990020 | 0.81   | cps   |
| Chromium   | 52-2  | 46042    | 44932    | 45377    | 45450    | 1.23   | cps   |
| Cobalt     | 59-2  | 50003    | 49528    | 50137    | 49889    | 0.64   | cps   |
| Copper     | 63-2  | 55771    | 55457    | 55012    | 55413    | 0.69   | cps   |
| Dysprosium | 156-1 | 67       | 33       | 42       | 47       | 36.74  | cps   |
| Dysprosium | 156-2 | 13       | 3        | 7        | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 33       | 0        | 42       | 25       | 88.19  | cps   |
| Erbium     | 164-2 | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 67       | 50       | 100      | 72       | 35.26  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 10       | 14       | 35.26  | cps   |
| Holmium    | 165-1 | 4882050  | 4981980  | 4429443  | 4764491  | 6.18   | cps   |
| Holmium    | 165-2 | 1635594  | 1636442  | 1634592  | 1635543  | 0.06   | cps   |
| Indium     | 115-1 | 4502886  | 4516321  | 4100317  | 4373175  | 5.41   | cps   |
| Indium     | 115-2 | 312909   | 312620   | 312757   | 312762   | 0.05   | cps   |
| Iron       | 56-2  | 74270016 | 75053163 | 74801524 | 74708234 | 0.54   | cps   |
| Iron       | 57-2  | 1898771  | 1897635  | 1908792  | 1901733  | 0.32   | cps   |
| Lead       | 206-1 | 87640    | 89374    | 88759    | 88591    | 0.99   | cps   |
| Lead       | 207-1 | 73418    | 73792    | 72965    | 73392    | 0.56   | cps   |
| Lead       | 208-1 | 338539   | 341268   | 338934   | 339580   | 0.43   | cps   |
| Lithium    | 6-1   | 519564   | 524288   | 467021   | 503624   | 6.31   | cps   |
| Magnesium  | 24-2  | 3678463  | 3736859  | 3684126  | 3699816  | 0.87   | cps   |
| Manganese  | 55-2  | 9400     | 9196     | 9076     | 9224     | 1.77   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P8  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:37:12 DataFile Name : 015ICSB\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3844311  | 3837771  | 3912562  | 3864882  | 1.07   | cps   |
| Molybdenum | 95-1  | 6330944  | 6367056  | 6526108  | 6408036  | 1.62   | cps   |
| Molybdenum | 96-1  | 6924880  | 6811908  | 6972929  | 6903239  | 1.20   | cps   |
| Molybdenum | 97-1  | 3977909  | 3984256  | 4020428  | 3994198  | 0.57   | cps   |
| Molybdenum | 98-1  | 10252831 | 10330071 | 10341055 | 10307986 | 0.47   | cps   |
| Neodymium  | 150-1 | 27       | 53       | 40       | 40       | 33.33  | cps   |
| Neodymium  | 150-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Nickel     | 60-2  | 17511    | 16724    | 17147    | 17127    | 2.30   | cps   |
| Phosphorus | 31-2  | 60957    | 61685    | 62329    | 61657    | 1.11   | cps   |
| Potassium  | 39-2  | 2495252  | 2503115  | 2504494  | 2500954  | 0.20   | cps   |
| Rhodium    | 103-1 | 4343016  | 4294503  | 3905759  | 4181093  | 5.73   | cps   |
| Rhodium    | 103-2 | 1651359  | 1665252  | 1618016  | 1644876  | 1.48   | cps   |
| Scandium   | 45-1  | 3164268  | 3227936  | 2880846  | 3091016  | 5.98   | cps   |
| Scandium   | 45-2  | 38232    | 36765    | 38269    | 37755    | 2.27   | cps   |
| Selenium   | 77-2  | 13       | 13       | 33       | 20       | 57.74  | cps   |
| Selenium   | 78-2  | 74       | 78       | 74       | 75       | 2.84   | cps   |
| Selenium   | 82-1  | 2071     | 2108     | 1994     | 2058     | 2.82   | cps   |
| Silicon    | 28-1  | 678905   | 673651   | 685800   | 679452   | 0.90   | cps   |
| Silver     | 109-1 | 142803   | 145749   | 144589   | 144380   | 1.03   | cps   |
| Silver     | 107-1 | 152447   | 153788   | 151637   | 152624   | 0.71   | cps   |
| Sodium     | 23-2  | 9131362  | 9182871  | 9179269  | 9164501  | 0.31   | cps   |
| Strontium  | 86-1  | 166613   | 165365   | 167820   | 166599   | 0.74   | cps   |
| Strontium  | 88-1  | 1474306  | 1440582  | 1456574  | 1457154  | 1.16   | cps   |
| Sulfur     | 34-1  | 2506851  | 2520396  | 2505665  | 2510971  | 0.33   | cps   |
| Terbium    | 159-1 | 5176827  | 5161814  | 4698895  | 5012512  | 5.42   | cps   |
| Terbium    | 159-2 | 1600638  | 1605864  | 1624401  | 1610301  | 0.78   | cps   |
| Thallium   | 203-1 | 88155    | 87962    | 89037    | 88385    | 0.65   | cps   |
| Thallium   | 205-1 | 208892   | 210037   | 209529   | 209486   | 0.27   | cps   |
| Tin        | 118-1 | 231142   | 234924   | 236940   | 234336   | 1.26   | cps   |
| Titanium   | 47-1  | 1944142  | 1961221  | 1935669  | 1947011  | 0.67   | cps   |
| Uranium    | 238-1 | 594980   | 595894   | 599960   | 596945   | 0.44   | cps   |
| Vanadium   | 51-2  | 16720    | 16423    | 16200    | 16448    | 1.59   | cps   |
| Yttrium    | 89-1  | 5123565  | 5048241  | 4528166  | 4899990  | 6.62   | cps   |
| Yttrium    | 89-2  | 245830   | 245276   | 244592   | 245232   | 0.25   | cps   |
| Zinc       | 66-2  | 6128     | 6288     | 6385     | 6267     | 2.07   | cps   |
| Zirconium  | 90-1  | 542368   | 541177   | 549998   | 544514   | 0.88   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8                 |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:37:12 | DataFile Name :   | 015ICSB_P8072417.D |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 122608 | 118789 | 121034 | 120810  | 1.59   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 404192   | 410048   | 404626   | 406289   | 0.80   | cps   |
| Antimony   | 121-1 | 3758960  | 3749901  | 3747456  | 3752106  | 0.16   | cps   |
| Arsenic    | 75-2  | 76162    | 75911    | 75648    | 75907    | 0.34   | cps   |
| Barium     | 135-1 | 3745930  | 3734587  | 3675861  | 3718792  | 1.01   | cps   |
| Barium     | 137-1 | 6467131  | 6486719  | 6407366  | 6453739  | 0.64   | cps   |
| Beryllium  | 9-1   | 517070   | 520018   | 521856   | 519648   | 0.46   | cps   |
| Bismuth    | 209-1 | 2769588  | 2752005  | 2759877  | 2760490  | 0.32   | cps   |
| Bismuth    | 209-2 | 1171481  | 1207602  | 1202069  | 1193717  | 1.63   | cps   |
| Boron      | 10-1  | 65266    | 66044    | 66337    | 65882    | 0.84   | cps   |
| Boron      | 11-1  | 307993   | 309111   | 315302   | 310802   | 1.27   | cps   |
| Cadmium    | 111-1 | 818868   | 822088   | 834060   | 825005   | 0.97   | cps   |
| Cadmium    | 106-1 | 84623    | 85320    | 85135    | 85026    | 0.42   | cps   |
| Cadmium    | 108-1 | 57958    | 57832    | 57991    | 57927    | 0.14   | cps   |
| Calcium    | 43-1  | 5032564  | 5090616  | 5068156  | 5063779  | 0.58   | cps   |
| Calcium    | 44-1  | 81654418 | 81601064 | 82113125 | 81789536 | 0.34   | cps   |
| Chromium   | 52-2  | 608524   | 612287   | 607209   | 609340   | 0.43   | cps   |
| Cobalt     | 59-2  | 1196344  | 1201432  | 1194307  | 1197361  | 0.31   | cps   |
| Copper     | 63-2  | 2058857  | 2024630  | 2027598  | 2037028  | 0.93   | cps   |
| Dysprosium | 156-1 | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Dysprosium | 156-2 | 17       | 17       | 20       | 18       | 10.81  | cps   |
| Erbium     | 164-1 | 83       | 58       | 75       | 72       | 17.62  | cps   |
| Erbium     | 164-2 | 7        | 23       | 10       | 13       | 66.12  | cps   |
| Gadolinium | 160-1 | 92       | 83       | 67       | 81       | 15.80  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 27       | 20       | 33.35  | cps   |
| Holmium    | 165-1 | 5019587  | 4985225  | 4957037  | 4987283  | 0.63   | cps   |
| Holmium    | 165-2 | 1617562  | 1690247  | 1678415  | 1662075  | 2.35   | cps   |
| Indium     | 115-1 | 4473401  | 4479880  | 4528044  | 4493775  | 0.66   | cps   |
| Indium     | 115-2 | 305486   | 316173   | 316003   | 312554   | 1.96   | cps   |
| Iron       | 56-2  | 97002505 | 96940941 | 96646616 | 96863354 | 0.20   | cps   |
| Iron       | 57-2  | 2461728  | 2482509  | 2473075  | 2472437  | 0.42   | cps   |
| Lead       | 206-1 | 1816357  | 1805185  | 1813373  | 1811639  | 0.32   | cps   |
| Lead       | 207-1 | 1615061  | 1621936  | 1590965  | 1609321  | 1.01   | cps   |
| Lead       | 208-1 | 7351097  | 7343708  | 7304615  | 7333140  | 0.34   | cps   |
| Lithium    | 6-1   | 540859   | 548543   | 548760   | 546054   | 0.82   | cps   |
| Magnesium  | 24-2  | 9858504  | 9908874  | 9779250  | 9848876  | 0.66   | cps   |
| Manganese  | 55-2  | 345559   | 348504   | 344384   | 346149   | 0.61   | cps   |



|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2985013  | 3005634  | 3005557  | 2998735  | 0.40   | cps   |
| Molybdenum | 95-1  | 1733689  | 1730339  | 1730779  | 1731602  | 0.11   | cps   |
| Molybdenum | 96-1  | 2184930  | 2181995  | 2166042  | 2177656  | 0.47   | cps   |
| Molybdenum | 97-1  | 1047333  | 1060044  | 1048623  | 1052000  | 0.66   | cps   |
| Molybdenum | 98-1  | 2778597  | 2771357  | 2736075  | 2762009  | 0.82   | cps   |
| Neodymium  | 150-1 | 167      | 133      | 160      | 153      | 11.50  | cps   |
| Neodymium  | 150-2 | 10       | 17       | 20       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 350111   | 351942   | 348856   | 350303   | 0.44   | cps   |
| Phosphorus | 31-2  | 6435     | 7235     | 6610     | 6760     | 6.22   | cps   |
| Potassium  | 39-2  | 3286807  | 3328765  | 3319515  | 3311695  | 0.67   | cps   |
| Rhodium    | 103-1 | 4303462  | 4339852  | 4313486  | 4318933  | 0.44   | cps   |
| Rhodium    | 103-2 | 1593176  | 1646058  | 1617184  | 1618806  | 1.64   | cps   |
| Scandium   | 45-1  | 3224741  | 3258553  | 3247699  | 3243664  | 0.53   | cps   |
| Scandium   | 45-2  | 37951    | 39372    | 39576    | 38966    | 2.27   | cps   |
| Selenium   | 77-2  | 483      | 600      | 553      | 546      | 10.76  | cps   |
| Selenium   | 78-2  | 1885     | 1989     | 1802     | 1892     | 4.95   | cps   |
| Selenium   | 82-1  | 55071    | 55252    | 55261    | 55195    | 0.19   | cps   |
| Silicon    | 28-1  | 2187649  | 2191510  | 2234826  | 2204662  | 1.19   | cps   |
| Silver     | 109-1 | 3924410  | 3913563  | 3892288  | 3910087  | 0.42   | cps   |
| Silver     | 107-1 | 4118954  | 4144441  | 4103867  | 4122421  | 0.50   | cps   |
| Sodium     | 23-2  | 24227582 | 24428301 | 24000624 | 24218836 | 0.88   | cps   |
| Strontium  | 86-1  | 1087249  | 1087478  | 1089088  | 1087938  | 0.09   | cps   |
| Strontium  | 88-1  | 9443376  | 9367153  | 9462467  | 9424332  | 0.54   | cps   |
| Sulfur     | 34-1  | 611450   | 611111   | 615188   | 612583   | 0.37   | cps   |
| Terbium    | 159-1 | 5280348  | 5228798  | 5248693  | 5252613  | 0.49   | cps   |
| Terbium    | 159-2 | 1590666  | 1655289  | 1636716  | 1627557  | 2.04   | cps   |
| Thallium   | 203-1 | 2276133  | 2257241  | 2274970  | 2269448  | 0.47   | cps   |
| Thallium   | 205-1 | 5364017  | 5351028  | 5382609  | 5365885  | 0.30   | cps   |
| Tin        | 118-1 | 2578851  | 2588887  | 2592475  | 2586738  | 0.27   | cps   |
| Titanium   | 47-1  | 502677   | 503406   | 503140   | 503074   | 0.07   | cps   |
| Uranium    | 238-1 | 6728808  | 6661915  | 6663902  | 6684875  | 0.57   | cps   |
| Vanadium   | 51-2  | 434017   | 438040   | 434999   | 435685   | 0.48   | cps   |
| Yttrium    | 89-1  | 5126633  | 5143231  | 5206165  | 5158676  | 0.81   | cps   |
| Yttrium    | 89-2  | 243536   | 252170   | 249821   | 248509   | 1.80   | cps   |
| Zinc       | 66-2  | 200953   | 200871   | 200490   | 200771   | 0.12   | cps   |
| Zirconium  | 90-1  | 5457425  | 5481790  | 5577304  | 5505506  | 1.15   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 14:40:17 | DataFile Name :   | 016CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1210074 | 1224959 | 1221755 | 1218929 | 0.64   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB06 Instrumnet Name : P8  
 Client Sample ID : CCB06 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 14:58:40 DataFile Name : 017CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Antimony   | 121-1 | 258     | 267     | 142     | 222     | 31.45  | cps   |
| Arsenic    | 75-2  | 2       | 6       | 11      | 6       | 75.49  | cps   |
| Barium     | 135-1 | 50      | 8       | 8       | 22      | 108.27 | cps   |
| Barium     | 137-1 | 67      | 50      | 33      | 50      | 33.34  | cps   |
| Beryllium  | 9-1   | 50      | 44      | 67      | 54      | 21.53  | cps   |
| Bismuth    | 209-1 | 2696730 | 2702944 | 2726945 | 2708873 | 0.59   | cps   |
| Bismuth    | 209-2 | 1224765 | 1222293 | 1229227 | 1225429 | 0.29   | cps   |
| Boron      | 10-1  | 700     | 600     | 600     | 633     | 9.12   | cps   |
| Boron      | 11-1  | 2850    | 2892    | 2825    | 2856    | 1.18   | cps   |
| Cadmium    | 111-1 | 772     | 803     | 738     | 771     | 4.27   | cps   |
| Cadmium    | 106-1 | 1100    | 1150    | 1050    | 1100    | 4.55   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 8       | 12      | 57.75  | cps   |
| Calcium    | 43-1  | 3192    | 2850    | 2984    | 3009    | 5.72   | cps   |
| Calcium    | 44-1  | 54841   | 54724   | 54013   | 54526   | 0.82   | cps   |
| Chromium   | 52-2  | 1163    | 1093    | 1040    | 1099    | 5.63   | cps   |
| Cobalt     | 59-2  | 53      | 77      | 53      | 61      | 22.05  | cps   |
| Copper     | 63-2  | 313     | 393     | 383     | 363     | 12.00  | cps   |
| Dysprosium | 156-1 | 33      | 8       | 17      | 19      | 65.47  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 0       | 25      | 17      | 86.60  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 75      | 50      | 67      | 64      | 19.92  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Holmium    | 165-1 | 4788777 | 4702580 | 4694074 | 4728477 | 1.11   | cps   |
| Holmium    | 165-2 | 1634698 | 1597104 | 1649739 | 1627181 | 1.67   | cps   |
| Indium     | 115-1 | 4556708 | 4519031 | 4573294 | 4549678 | 0.61   | cps   |
| Indium     | 115-2 | 328419  | 325646  | 324074  | 326046  | 0.67   | cps   |
| Iron       | 56-2  | 4201    | 4273    | 4234    | 4236    | 0.85   | cps   |
| Iron       | 57-2  | 133     | 117     | 150     | 133     | 12.50  | cps   |
| Lead       | 206-1 | 328     | 344     | 306     | 326     | 5.99   | cps   |
| Lead       | 207-1 | 406     | 278     | 339     | 341     | 18.76  | cps   |
| Lead       | 208-1 | 1511    | 1317    | 1361    | 1396    | 7.30   | cps   |
| Lithium    | 6-1   | 554730  | 556884  | 559898  | 557171  | 0.47   | cps   |
| Magnesium  | 24-2  | 242     | 158     | 158     | 186     | 25.85  | cps   |
| Manganese  | 55-2  | 80      | 83      | 87      | 83      | 4.00   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:58:40 | DataFile Name :   | 017CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 233     | 250     | 125     | 203     | 33.47  | cps   |
| Molybdenum | 95-1  | 58      | 75      | 67      | 67      | 12.49  | cps   |
| Molybdenum | 96-1  | 83      | 100     | 83      | 89      | 10.82  | cps   |
| Molybdenum | 97-1  | 50      | 75      | 67      | 64      | 19.92  | cps   |
| Molybdenum | 98-1  | 58      | 67      | 58      | 61      | 7.87   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 27      | 16      | 65.47  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 120     | 97      | 110     | 109     | 10.75  | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 4268    | 4668    | 3917    | 4284    | 8.76   | cps   |
| Rhodium    | 103-1 | 4475813 | 4407691 | 4435278 | 4439594 | 0.77   | cps   |
| Rhodium    | 103-2 | 1745435 | 1725584 | 1709233 | 1726751 | 1.05   | cps   |
| Scandium   | 45-1  | 3232044 | 3187573 | 3224834 | 3214817 | 0.74   | cps   |
| Scandium   | 45-2  | 38977   | 38085   | 39328   | 38797   | 1.65   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 4       | 0       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | -55     | -68     | -69     | -64     | -12.00 | cps   |
| Silicon    | 28-1  | 403830  | 394157  | 393257  | 397081  | 1.48   | cps   |
| Silver     | 109-1 | 142     | 167     | 233     | 181     | 26.25  | cps   |
| Silver     | 107-1 | 150     | 125     | 200     | 158     | 24.12  | cps   |
| Sodium     | 23-2  | 9237    | 9070    | 9679    | 9328    | 3.37   | cps   |
| Strontium  | 86-1  | 1200    | 1250    | 1175    | 1208    | 3.16   | cps   |
| Strontium  | 88-1  | 258     | 208     | 283     | 250     | 15.28  | cps   |
| Sulfur     | 34-1  | 338142  | 337422  | 333534  | 336366  | 0.74   | cps   |
| Terbium    | 159-1 | 4988435 | 5015386 | 5096650 | 5033490 | 1.12   | cps   |
| Terbium    | 159-2 | 1617990 | 1613557 | 1576685 | 1602744 | 1.41   | cps   |
| Thallium   | 203-1 | 33      | 92      | 75      | 67      | 45.07  | cps   |
| Thallium   | 205-1 | 142     | 192     | 275     | 203     | 33.22  | cps   |
| Tin        | 118-1 | 917     | 850     | 933     | 900     | 4.90   | cps   |
| Titanium   | 47-1  | 158     | 200     | 142     | 167     | 18.03  | cps   |
| Uranium    | 238-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Vanadium   | 51-2  | 17      | 3       | 17      | 12      | 63.01  | cps   |
| Yttrium    | 89-1  | 5031997 | 5089099 | 4947469 | 5022855 | 1.42   | cps   |
| Yttrium    | 89-2  | 250615  | 251266  | 249801  | 250561  | 0.29   | cps   |
| Zinc       | 66-2  | 77      | 87      | 90      | 84      | 8.22   | cps   |
| Zirconium  | 90-1  | 492     | 583     | 567     | 547     | 8.92   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 14:58:40 | DataFile Name :   | 017CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 83   | 83   | 83      | 0.00   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 183     | 183     | 192     | 186     | 2.59   | cps   |
| Antimony   | 121-1 | 13950   | 13057   | 12298   | 13101   | 6.31   | cps   |
| Arsenic    | 75-2  | 172     | 156     | 130     | 152     | 14.08  | cps   |
| Barium     | 135-1 | 12415   | 12940   | 12657   | 12670   | 2.08   | cps   |
| Barium     | 137-1 | 22044   | 21518   | 21894   | 21819   | 1.24   | cps   |
| Beryllium  | 9-1   | 922     | 783     | 956     | 887     | 10.30  | cps   |
| Bismuth    | 209-1 | 2568348 | 2670552 | 2631599 | 2623500 | 1.97   | cps   |
| Bismuth    | 209-2 | 1176522 | 1178705 | 1186385 | 1180538 | 0.44   | cps   |
| Boron      | 10-1  | 2975    | 3342    | 2909    | 3075    | 7.59   | cps   |
| Boron      | 11-1  | 14116   | 14858   | 15309   | 14761   | 4.08   | cps   |
| Cadmium    | 111-1 | 2231    | 2179    | 2241    | 2217    | 1.50   | cps   |
| Cadmium    | 106-1 | 1233    | 1308    | 1300    | 1281    | 3.21   | cps   |
| Cadmium    | 108-1 | 154     | 113     | 117     | 128     | 17.96  | cps   |
| Calcium    | 43-1  | 11897   | 11222   | 11755   | 11625   | 3.06   | cps   |
| Calcium    | 44-1  | 198426  | 196507  | 197232  | 197388  | 0.49   | cps   |
| Chromium   | 52-2  | 3330    | 3350    | 3160    | 3280    | 3.18   | cps   |
| Cobalt     | 59-2  | 2144    | 2240    | 2380    | 2255    | 5.28   | cps   |
| Copper     | 63-2  | 4304    | 4247    | 4171    | 4241    | 1.58   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 50      | 67      | 53      | 24.12  | cps   |
| Erbium     | 164-2 | 13      | 3       | 7       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 13      | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 4544989 | 4607110 | 4667227 | 4606442 | 1.33   | cps   |
| Holmium    | 165-2 | 1560317 | 1562520 | 1564924 | 1562587 | 0.15   | cps   |
| Indium     | 115-1 | 4392637 | 4500740 | 4492273 | 4461884 | 1.35   | cps   |
| Indium     | 115-2 | 319963  | 320722  | 322421  | 321036  | 0.39   | cps   |
| Iron       | 56-2  | 40698   | 40933   | 40275   | 40636   | 0.82   | cps   |
| Iron       | 57-2  | 1111    | 956     | 961     | 1009    | 8.74   | cps   |
| Lead       | 206-1 | 4268    | 4017    | 4129    | 4138    | 3.03   | cps   |
| Lead       | 207-1 | 3862    | 4234    | 3834    | 3977    | 5.62   | cps   |
| Lead       | 208-1 | 17149   | 17122   | 16861   | 17044   | 0.94   | cps   |
| Lithium    | 6-1   | 520110  | 522836  | 534526  | 525824  | 1.46   | cps   |
| Magnesium  | 24-2  | 18246   | 17695   | 18162   | 18034   | 1.65   | cps   |
| Manganese  | 55-2  | 410     | 400     | 367     | 392     | 5.78   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 11706   | 12339   | 12139   | 12061   | 2.69   | cps   |
| Molybdenum | 95-1  | 14258   | 14475   | 14417   | 14383   | 0.78   | cps   |
| Molybdenum | 96-1  | 14925   | 15167   | 16010   | 15368   | 3.70   | cps   |
| Molybdenum | 97-1  | 8119    | 8862    | 8753    | 8578    | 4.67   | cps   |
| Molybdenum | 98-1  | 23313   | 22753   | 22528   | 22865   | 1.77   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 13      | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 703     | 737     | 693     | 711     | 3.19   | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 16335   | 16911   | 17637   | 16961   | 3.85   | cps   |
| Rhodium    | 103-1 | 4334579 | 4370289 | 4388301 | 4364390 | 0.63   | cps   |
| Rhodium    | 103-2 | 1697835 | 1700591 | 1713963 | 1704130 | 0.51   | cps   |
| Scandium   | 45-1  | 3094741 | 3159238 | 3194445 | 3149475 | 1.61   | cps   |
| Scandium   | 45-2  | 38817   | 38810   | 39783   | 39137   | 1.43   | cps   |
| Selenium   | 77-2  | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Selenium   | 78-2  | 28      | 35      | 22      | 28      | 22.91  | cps   |
| Selenium   | 82-1  | 550     | 521     | 514     | 529     | 3.58   | cps   |
| Silicon    | 28-1  | 431751  | 427271  | 424320  | 427781  | 0.87   | cps   |
| Silver     | 109-1 | 9070    | 8937    | 8620    | 8876    | 2.61   | cps   |
| Silver     | 107-1 | 9829    | 8770    | 9545    | 9381    | 5.84   | cps   |
| Sodium     | 23-2  | 54371   | 53769   | 54630   | 54257   | 0.81   | cps   |
| Strontium  | 86-1  | 3067    | 3226    | 3034    | 3109    | 3.29   | cps   |
| Strontium  | 88-1  | 16636   | 16569   | 16202   | 16469   | 1.42   | cps   |
| Sulfur     | 34-1  | 330534  | 329901  | 329812  | 330083  | 0.12   | cps   |
| Terbium    | 159-1 | 4846311 | 4916546 | 4919176 | 4894011 | 0.84   | cps   |
| Terbium    | 159-2 | 1568169 | 1556654 | 1563572 | 1562798 | 0.37   | cps   |
| Thallium   | 203-1 | 3492    | 3876    | 3959    | 3776    | 6.59   | cps   |
| Thallium   | 205-1 | 9579    | 9095    | 9329    | 9334    | 2.59   | cps   |
| Tin        | 118-1 | 22979   | 22745   | 22386   | 22703   | 1.31   | cps   |
| Titanium   | 47-1  | 4434    | 4343    | 4376    | 4384    | 1.06   | cps   |
| Uranium    | 238-1 | 11297   | 10772   | 10263   | 10777   | 4.80   | cps   |
| Vanadium   | 51-2  | 3777    | 3854    | 3917    | 3849    | 1.82   | cps   |
| Yttrium    | 89-1  | 4903229 | 4950990 | 4924685 | 4926301 | 0.49   | cps   |
| Yttrium    | 89-2  | 247540  | 249204  | 247156  | 247967  | 0.44   | cps   |
| Zinc       | 66-2  | 487     | 457     | 493     | 479     | 4.08   | cps   |
| Zirconium  | 90-1  | 10580   | 10113   | 10655   | 10449   | 2.81   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8                 |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:01:51 | DataFile Name :   | 018SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2234 | 2409 | 2442 | 2361    | 4.74   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 125     | 83      | 92      | 32.78  | cps   |
| Antimony   | 121-1 | 2159    | 2242    | 2234    | 2211    | 2.08   | cps   |
| Arsenic    | 75-2  | 54      | 43      | 43      | 46      | 13.86  | cps   |
| Barium     | 135-1 | 1917    | 2092    | 2150    | 2053    | 5.92   | cps   |
| Barium     | 137-1 | 3626    | 3751    | 3492    | 3623    | 3.57   | cps   |
| Beryllium  | 9-1   | 267     | 283     | 394     | 315     | 22.06  | cps   |
| Bismuth    | 209-1 | 2630703 | 2656154 | 2612811 | 2633223 | 0.83   | cps   |
| Bismuth    | 209-2 | 1189145 | 1181975 | 1176679 | 1182600 | 0.53   | cps   |
| Boron      | 10-1  | 608     | 692     | 775     | 692     | 12.05  | cps   |
| Boron      | 11-1  | 2900    | 2642    | 3050    | 2864    | 7.21   | cps   |
| Cadmium    | 111-1 | 1193    | 1216    | 1273    | 1227    | 3.39   | cps   |
| Cadmium    | 106-1 | 1058    | 1100    | 1150    | 1103    | 4.16   | cps   |
| Cadmium    | 108-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Calcium    | 43-1  | 3667    | 3667    | 3667    | 3667    | 0.00   | cps   |
| Calcium    | 44-1  | 61712   | 61125   | 60883   | 61240   | 0.70   | cps   |
| Chromium   | 52-2  | 1453    | 1487    | 1447    | 1462    | 1.47   | cps   |
| Cobalt     | 59-2  | 773     | 713     | 657     | 714     | 8.17   | cps   |
| Copper     | 63-2  | 1690    | 1600    | 1557    | 1616    | 4.21   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 58      | 92      | 42      | 64      | 39.85  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 4597095 | 4604395 | 4564198 | 4588563 | 0.47   | cps   |
| Holmium    | 165-2 | 1569365 | 1566287 | 1548211 | 1561288 | 0.73   | cps   |
| Indium     | 115-1 | 4498479 | 4512770 | 4419769 | 4477006 | 1.12   | cps   |
| Indium     | 115-2 | 323545  | 322085  | 320193  | 321941  | 0.52   | cps   |
| Iron       | 56-2  | 16215   | 16137   | 16071   | 16141   | 0.45   | cps   |
| Iron       | 57-2  | 400     | 367     | 378     | 382     | 4.45   | cps   |
| Lead       | 206-1 | 1489    | 1422    | 1311    | 1408    | 6.38   | cps   |
| Lead       | 207-1 | 1333    | 1306    | 1145    | 1261    | 8.09   | cps   |
| Lead       | 208-1 | 5678    | 5740    | 5089    | 5502    | 6.52   | cps   |
| Lithium    | 6-1   | 520069  | 527433  | 522648  | 523383  | 0.71   | cps   |
| Magnesium  | 24-2  | 1217    | 1367    | 1125    | 1236    | 9.87   | cps   |
| Manganese  | 55-2  | 347     | 307     | 260     | 304     | 14.25  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2067    | 1884    | 1892    | 1947    | 5.32   | cps   |
| Molybdenum | 95-1  | 858     | 1008    | 1075    | 981     | 11.32  | cps   |
| Molybdenum | 96-1  | 1275    | 1350    | 1158    | 1261    | 7.66   | cps   |
| Molybdenum | 97-1  | 700     | 700     | 508     | 636     | 17.40  | cps   |
| Molybdenum | 98-1  | 1400    | 1892    | 1542    | 1611    | 15.71  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 27      | 9       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 263     | 310     | 347     | 307     | 13.62  | cps   |
| Phosphorus | 31-2  | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Potassium  | 39-2  | 4834    | 4959    | 4142    | 4645    | 9.47   | cps   |
| Rhodium    | 103-1 | 4458793 | 4463095 | 4382015 | 4434635 | 1.03   | cps   |
| Rhodium    | 103-2 | 1709000 | 1690075 | 1681414 | 1693496 | 0.83   | cps   |
| Scandium   | 45-1  | 3193118 | 3199517 | 3161664 | 3184766 | 0.64   | cps   |
| Scandium   | 45-2  | 39917   | 38456   | 38540   | 38971   | 2.10   | cps   |
| Selenium   | 77-2  | 0       | 13      | 3       | 6       | 124.93 | cps   |
| Selenium   | 78-2  | 9       | 9       | 11      | 10      | 10.81  | cps   |
| Selenium   | 82-1  | 112     | 187     | 18      | 106     | 80.60  | cps   |
| Silicon    | 28-1  | 394332  | 394027  | 389144  | 392501  | 0.74   | cps   |
| Silver     | 109-1 | 2525    | 2017    | 2017    | 2186    | 13.43  | cps   |
| Silver     | 107-1 | 2359    | 2700    | 2267    | 2442    | 9.35   | cps   |
| Sodium     | 23-2  | 12498   | 11855   | 12197   | 12184   | 2.64   | cps   |
| Strontium  | 86-1  | 1517    | 1634    | 1967    | 1706    | 13.69  | cps   |
| Strontium  | 88-1  | 5460    | 5476    | 5435    | 5457    | 0.38   | cps   |
| Sulfur     | 34-1  | 336118  | 333151  | 331847  | 333705  | 0.66   | cps   |
| Terbium    | 159-1 | 4906128 | 4922616 | 4855731 | 4894825 | 0.71   | cps   |
| Terbium    | 159-2 | 1543232 | 1542375 | 1517473 | 1534360 | 0.95   | cps   |
| Thallium   | 203-1 | 1342    | 1217    | 1392    | 1317    | 6.85   | cps   |
| Thallium   | 205-1 | 3259    | 3342    | 2892    | 3164    | 7.57   | cps   |
| Tin        | 118-1 | 1942    | 3014    | 1984    | 2313    | 26.26  | cps   |
| Titanium   | 47-1  | 442     | 367     | 442     | 417     | 10.39  | cps   |
| Uranium    | 238-1 | 3242    | 3542    | 3326    | 3370    | 4.60   | cps   |
| Vanadium   | 51-2  | 337     | 267     | 280     | 294     | 12.62  | cps   |
| Yttrium    | 89-1  | 4986586 | 4973616 | 4945758 | 4968653 | 0.42   | cps   |
| Yttrium    | 89-2  | 247228  | 249427  | 246124  | 247593  | 0.68   | cps   |
| Zinc       | 66-2  | 193     | 177     | 157     | 176     | 10.46  | cps   |
| Zirconium  | 90-1  | 3134    | 3309    | 3359    | 3267    | 3.62   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#1        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#1        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:05:01 | DataFile Name :   | 019SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 667  | 858  | 658  | 728     | 15.55  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#2 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#2 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:08:13 DataFile Name : 020SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 50      | 92      | 67      | 33.07  | cps   |
| Antimony   | 121-1 | 1950    | 1934    | 2050    | 1978    | 3.19   | cps   |
| Arsenic    | 75-2  | 56      | 50      | 35      | 47      | 22.44  | cps   |
| Barium     | 135-1 | 1959    | 1875    | 2100    | 1978    | 5.75   | cps   |
| Barium     | 137-1 | 3626    | 3734    | 3559    | 3640    | 2.43   | cps   |
| Beryllium  | 9-1   | 383     | 239     | 383     | 335     | 24.88  | cps   |
| Bismuth    | 209-1 | 2621400 | 2644159 | 2649435 | 2638331 | 0.56   | cps   |
| Bismuth    | 209-2 | 1206048 | 1195102 | 1205874 | 1202341 | 0.52   | cps   |
| Boron      | 10-1  | 608     | 608     | 400     | 539     | 22.32  | cps   |
| Boron      | 11-1  | 2442    | 2459    | 2584    | 2495    | 3.10   | cps   |
| Cadmium    | 111-1 | 1197    | 1220    | 1269    | 1229    | 3.00   | cps   |
| Cadmium    | 106-1 | 1025    | 1142    | 1158    | 1108    | 6.56   | cps   |
| Cadmium    | 108-1 | 42      | 42      | 13      | 32      | 52.72  | cps   |
| Calcium    | 43-1  | 3359    | 3359    | 3876    | 3531    | 8.45   | cps   |
| Calcium    | 44-1  | 62188   | 61962   | 61184   | 61778   | 0.85   | cps   |
| Chromium   | 52-2  | 1533    | 1377    | 1480    | 1463    | 5.44   | cps   |
| Cobalt     | 59-2  | 787     | 800     | 790     | 792     | 0.88   | cps   |
| Copper     | 63-2  | 1587    | 1587    | 1610    | 1595    | 0.85   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 8       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Erbium     | 164-2 | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 50      | 75      | 25      | 50      | 50.01  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Holmium    | 165-1 | 4534095 | 4620945 | 4635490 | 4596843 | 1.19   | cps   |
| Holmium    | 165-2 | 1596568 | 1572383 | 1584149 | 1584366 | 0.76   | cps   |
| Indium     | 115-1 | 4459737 | 4509254 | 4479178 | 4482723 | 0.56   | cps   |
| Indium     | 115-2 | 323741  | 325727  | 322660  | 324042  | 0.48   | cps   |
| Iron       | 56-2  | 15998   | 15898   | 15298   | 15731   | 2.41   | cps   |
| Iron       | 57-2  | 422     | 444     | 406     | 424     | 4.60   | cps   |
| Lead       | 206-1 | 1367    | 1217    | 1350    | 1311    | 6.27   | cps   |
| Lead       | 207-1 | 1100    | 1150    | 1156    | 1135    | 2.70   | cps   |
| Lead       | 208-1 | 5201    | 4817    | 5067    | 5028    | 3.87   | cps   |
| Lithium    | 6-1   | 523213  | 531307  | 530548  | 528356  | 0.85   | cps   |
| Magnesium  | 24-2  | 1200    | 1325    | 1433    | 1320    | 8.85   | cps   |
| Manganese  | 55-2  | 260     | 240     | 297     | 266     | 10.82  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#2        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#2        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:08:13 | DataFile Name :   | 020SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1525    | 1642    | 1483    | 1550    | 5.30   | cps   |
| Molybdenum | 95-1  | 883     | 908     | 1033    | 942     | 8.53   | cps   |
| Molybdenum | 96-1  | 1050    | 1358    | 1434    | 1281    | 15.87  | cps   |
| Molybdenum | 97-1  | 608     | 608     | 850     | 689     | 20.25  | cps   |
| Molybdenum | 98-1  | 1492    | 1450    | 1600    | 1514    | 5.11   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 7       | 16      | 49.47  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 323     | 233     | 303     | 287     | 16.49  | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 5018    | 4826    | 4343    | 4729    | 7.36   | cps   |
| Rhodium    | 103-1 | 4413507 | 4429316 | 4483655 | 4442160 | 0.83   | cps   |
| Rhodium    | 103-2 | 1693326 | 1724125 | 1718698 | 1712050 | 0.96   | cps   |
| Scandium   | 45-1  | 3211512 | 3257158 | 3201427 | 3223366 | 0.92   | cps   |
| Scandium   | 45-2  | 39823   | 39920   | 39365   | 39703   | 0.75   | cps   |
| Selenium   | 77-2  | 10      | 0       | 3       | 4       | 114.60 | cps   |
| Selenium   | 78-2  | 7       | 9       | 6       | 7       | 24.97  | cps   |
| Selenium   | 82-1  | 235     | 200     | 130     | 188     | 28.55  | cps   |
| Silicon    | 28-1  | 385932  | 398417  | 395407  | 393252  | 1.66   | cps   |
| Silver     | 109-1 | 2325    | 2042    | 2200    | 2189    | 6.49   | cps   |
| Silver     | 107-1 | 2300    | 2284    | 2484    | 2356    | 4.71   | cps   |
| Sodium     | 23-2  | 11605   | 11280   | 11889   | 11591   | 2.63   | cps   |
| Strontium  | 86-1  | 1850    | 1875    | 1767    | 1831    | 3.10   | cps   |
| Strontium  | 88-1  | 5368    | 5676    | 4893    | 5312    | 7.43   | cps   |
| Sulfur     | 34-1  | 334986  | 333374  | 331087  | 333149  | 0.59   | cps   |
| Terbium    | 159-1 | 4847021 | 4949567 | 4812936 | 4869841 | 1.46   | cps   |
| Terbium    | 159-2 | 1570945 | 1589240 | 1545009 | 1568398 | 1.42   | cps   |
| Thallium   | 203-1 | 1283    | 1350    | 1425    | 1353    | 5.24   | cps   |
| Thallium   | 205-1 | 2725    | 2892    | 3217    | 2945    | 8.49   | cps   |
| Tin        | 118-1 | 2067    | 2134    | 1884    | 2028    | 6.39   | cps   |
| Titanium   | 47-1  | 408     | 433     | 383     | 408     | 6.12   | cps   |
| Uranium    | 238-1 | 3367    | 3292    | 3101    | 3253    | 4.23   | cps   |
| Vanadium   | 51-2  | 293     | 240     | 207     | 247     | 17.72  | cps   |
| Yttrium    | 89-1  | 4951422 | 4980843 | 4938796 | 4957021 | 0.44   | cps   |
| Yttrium    | 89-2  | 250669  | 249204  | 249455  | 249776  | 0.31   | cps   |
| Zinc       | 66-2  | 173     | 217     | 170     | 187     | 13.94  | cps   |
| Zirconium  | 90-1  | 3234    | 3517    | 3159    | 3303    | 5.72   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#2        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#2        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:08:13 | DataFile Name :   | 020SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 575  | 683  | 703     | 19.71  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 25      | 83      | 64      | 52.72  | cps   |
| Antimony   | 121-1 | 1967    | 1925    | 2117    | 2003    | 5.03   | cps   |
| Arsenic    | 75-2  | 44      | 56      | 59      | 53      | 14.53  | cps   |
| Barium     | 135-1 | 1925    | 1925    | 1984    | 1945    | 1.73   | cps   |
| Barium     | 137-1 | 3359    | 3409    | 3334    | 3367    | 1.13   | cps   |
| Beryllium  | 9-1   | 322     | 306     | 361     | 330     | 8.65   | cps   |
| Bismuth    | 209-1 | 2589972 | 2665012 | 2570844 | 2608609 | 1.91   | cps   |
| Bismuth    | 209-2 | 1195037 | 1195155 | 1192911 | 1194368 | 0.11   | cps   |
| Boron      | 10-1  | 583     | 383     | 517     | 494     | 20.60  | cps   |
| Boron      | 11-1  | 2617    | 2284    | 2492    | 2464    | 6.83   | cps   |
| Cadmium    | 111-1 | 1191    | 1188    | 1099    | 1159    | 4.49   | cps   |
| Cadmium    | 106-1 | 1067    | 1150    | 1108    | 1108    | 3.76   | cps   |
| Cadmium    | 108-1 | 50      | 25      | 50      | 42      | 34.64  | cps   |
| Calcium    | 43-1  | 3759    | 3601    | 3626    | 3662    | 2.32   | cps   |
| Calcium    | 44-1  | 59887   | 61042   | 61838   | 60922   | 1.61   | cps   |
| Chromium   | 52-2  | 1430    | 1347    | 1483    | 1420    | 4.85   | cps   |
| Cobalt     | 59-2  | 720     | 753     | 690     | 721     | 4.39   | cps   |
| Copper     | 63-2  | 1427    | 1637    | 1590    | 1551    | 7.11   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 42      | 58      | 75      | 58      | 28.57  | cps   |
| Gadolinium | 160-2 | 3       | 17      | 7       | 9       | 78.08  | cps   |
| Holmium    | 165-1 | 4523313 | 4597117 | 4427168 | 4515866 | 1.89   | cps   |
| Holmium    | 165-2 | 1577690 | 1583647 | 1552632 | 1571323 | 1.05   | cps   |
| Indium     | 115-1 | 4482434 | 4517729 | 4280619 | 4426928 | 2.89   | cps   |
| Indium     | 115-2 | 324343  | 327498  | 324430  | 325424  | 0.55   | cps   |
| Iron       | 56-2  | 15125   | 15748   | 15909   | 15594   | 2.66   | cps   |
| Iron       | 57-2  | 383     | 394     | 539     | 439     | 19.77  | cps   |
| Lead       | 206-1 | 1195    | 1206    | 1128    | 1176    | 3.58   | cps   |
| Lead       | 207-1 | 1128    | 1161    | 1161    | 1150    | 1.67   | cps   |
| Lead       | 208-1 | 4895    | 5073    | 4834    | 4934    | 2.52   | cps   |
| Lithium    | 6-1   | 522725  | 525411  | 506381  | 518172  | 1.99   | cps   |
| Magnesium  | 24-2  | 1108    | 1317    | 1242    | 1222    | 8.63   | cps   |
| Manganese  | 55-2  | 300     | 310     | 257     | 289     | 9.81   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1817    | 1517    | 1675    | 1670    | 8.99   | cps   |
| Molybdenum | 95-1  | 942     | 917     | 875     | 911     | 3.70   | cps   |
| Molybdenum | 96-1  | 1308    | 1292    | 1158    | 1253    | 6.56   | cps   |
| Molybdenum | 97-1  | 517     | 567     | 567     | 550     | 5.25   | cps   |
| Molybdenum | 98-1  | 1425    | 1400    | 1392    | 1406    | 1.24   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 320     | 297     | 280     | 299     | 6.72   | cps   |
| Phosphorus | 31-2  | 0       | 33      | 0       | 11      | 173.21 | cps   |
| Potassium  | 39-2  | 4593    | 4676    | 4776    | 4682    | 1.96   | cps   |
| Rhodium    | 103-1 | 4342922 | 4429233 | 4266144 | 4346099 | 1.88   | cps   |
| Rhodium    | 103-2 | 1744158 | 1730403 | 1710682 | 1728414 | 0.97   | cps   |
| Scandium   | 45-1  | 3158308 | 3225205 | 3106423 | 3163312 | 1.88   | cps   |
| Scandium   | 45-2  | 39536   | 39897   | 39305   | 39579   | 0.75   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 15      | 15      | 12      | 34.61  | cps   |
| Selenium   | 82-1  | 190     | 234     | 142     | 189     | 24.35  | cps   |
| Silicon    | 28-1  | 393563  | 396087  | 407164  | 398938  | 1.81   | cps   |
| Silver     | 109-1 | 2109    | 2234    | 1992    | 2111    | 5.73   | cps   |
| Silver     | 107-1 | 2425    | 2400    | 1900    | 2242    | 13.21  | cps   |
| Sodium     | 23-2  | 11497   | 12047   | 10996   | 11513   | 4.57   | cps   |
| Strontium  | 86-1  | 1650    | 1550    | 1709    | 1636    | 4.89   | cps   |
| Strontium  | 88-1  | 5026    | 5426    | 5118    | 5190    | 4.04   | cps   |
| Sulfur     | 34-1  | 337354  | 337561  | 332942  | 335952  | 0.78   | cps   |
| Terbium    | 159-1 | 4794240 | 4892302 | 4788969 | 4825170 | 1.21   | cps   |
| Terbium    | 159-2 | 1569498 | 1606112 | 1554706 | 1576772 | 1.68   | cps   |
| Thallium   | 203-1 | 1459    | 1200    | 1308    | 1322    | 9.81   | cps   |
| Thallium   | 205-1 | 2534    | 2926    | 2892    | 2784    | 7.80   | cps   |
| Tin        | 118-1 | 1742    | 1925    | 1950    | 1872    | 6.08   | cps   |
| Titanium   | 47-1  | 583     | 417     | 408     | 469     | 21.03  | cps   |
| Uranium    | 238-1 | 3326    | 3384    | 2917    | 3209    | 7.93   | cps   |
| Vanadium   | 51-2  | 250     | 247     | 307     | 268     | 12.59  | cps   |
| Yttrium    | 89-1  | 4883326 | 4940773 | 4800657 | 4874919 | 1.44   | cps   |
| Yttrium    | 89-2  | 252695  | 250387  | 248600  | 250561  | 0.82   | cps   |
| Zinc       | 66-2  | 167     | 157     | 150     | 158     | 5.32   | cps   |
| Zirconium  | 90-1  | 3184    | 3259    | 3125    | 3189    | 2.10   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#3        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#3        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:11:24 | DataFile Name :   | 021SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 692  | 800  | 650  | 714     | 10.85  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#4        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#4        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:14:34 | DataFile Name :   | 022SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 83      | 92      | 58      | 78      | 22.30  | cps   |
| Antimony   | 121-1 | 2084    | 2134    | 2175    | 2131    | 2.15   | cps   |
| Arsenic    | 75-2  | 54      | 52      | 35      | 47      | 21.73  | cps   |
| Barium     | 135-1 | 2025    | 2059    | 1617    | 1900    | 12.95  | cps   |
| Barium     | 137-1 | 3409    | 3417    | 3626    | 3484    | 3.52   | cps   |
| Beryllium  | 9-1   | 333     | 256     | 350     | 313     | 16.11  | cps   |
| Bismuth    | 209-1 | 2652019 | 2676021 | 2637368 | 2655136 | 0.73   | cps   |
| Bismuth    | 209-2 | 1184391 | 1158203 | 1194848 | 1179147 | 1.60   | cps   |
| Boron      | 10-1  | 533     | 575     | 450     | 519     | 12.25  | cps   |
| Boron      | 11-1  | 2284    | 2567    | 2442    | 2431    | 5.84   | cps   |
| Cadmium    | 111-1 | 1254    | 1127    | 1195    | 1192    | 5.33   | cps   |
| Cadmium    | 106-1 | 1133    | 1050    | 1092    | 1092    | 3.82   | cps   |
| Cadmium    | 108-1 | 50      | 71      | 46      | 56      | 24.12  | cps   |
| Calcium    | 43-1  | 3792    | 3234    | 3467    | 3498    | 8.02   | cps   |
| Calcium    | 44-1  | 61117   | 60531   | 60841   | 60830   | 0.48   | cps   |
| Chromium   | 52-2  | 1423    | 1453    | 1630    | 1502    | 7.43   | cps   |
| Cobalt     | 59-2  | 747     | 773     | 740     | 753     | 2.34   | cps   |
| Copper     | 63-2  | 1577    | 1753    | 1663    | 1665    | 5.31   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 17      | 33      | 22      | 43.28  | cps   |
| Erbium     | 164-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 8       | 50      | 67      | 42      | 72.12  | cps   |
| Gadolinium | 160-2 | 3       | 13      | 13      | 10      | 57.75  | cps   |
| Holmium    | 165-1 | 4566282 | 4589017 | 4570507 | 4575269 | 0.26   | cps   |
| Holmium    | 165-2 | 1616482 | 1519979 | 1624800 | 1587087 | 3.67   | cps   |
| Indium     | 115-1 | 4481848 | 4515016 | 4475738 | 4490867 | 0.47   | cps   |
| Indium     | 115-2 | 324562  | 314474  | 326237  | 321757  | 1.98   | cps   |
| Iron       | 56-2  | 15987   | 16366   | 16527   | 16293   | 1.70   | cps   |
| Iron       | 57-2  | 400     | 444     | 467     | 437     | 7.77   | cps   |
| Lead       | 206-1 | 1283    | 1145    | 1228    | 1219    | 5.74   | cps   |
| Lead       | 207-1 | 1172    | 1267    | 1095    | 1178    | 7.32   | cps   |
| Lead       | 208-1 | 5284    | 4951    | 4934    | 5056    | 3.91   | cps   |
| Lithium    | 6-1   | 530142  | 532037  | 525716  | 529298  | 0.61   | cps   |
| Magnesium  | 24-2  | 1225    | 1467    | 1358    | 1350    | 8.97   | cps   |
| Manganese  | 55-2  | 290     | 280     | 347     | 306     | 11.77  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#4        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#4        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:14:34 | DataFile Name :   | 022SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1817    | 1767    | 1609    | 1731    | 6.28   | cps   |
| Molybdenum | 95-1  | 908     | 1008    | 933     | 950     | 5.48   | cps   |
| Molybdenum | 96-1  | 1150    | 1142    | 1192    | 1161    | 2.31   | cps   |
| Molybdenum | 97-1  | 717     | 517     | 700     | 644     | 17.22  | cps   |
| Molybdenum | 98-1  | 1442    | 1533    | 1508    | 1495    | 3.17   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 240     | 313     | 347     | 300     | 18.19  | cps   |
| Phosphorus | 31-2  | 25      | 25      | 8       | 19      | 49.50  | cps   |
| Potassium  | 39-2  | 4793    | 4626    | 4534    | 4651    | 2.82   | cps   |
| Rhodium    | 103-1 | 4419073 | 4477734 | 4418039 | 4438282 | 0.77   | cps   |
| Rhodium    | 103-2 | 1724109 | 1677513 | 1733420 | 1711681 | 1.75   | cps   |
| Scandium   | 45-1  | 3269077 | 3212095 | 3235924 | 3239032 | 0.88   | cps   |
| Scandium   | 45-2  | 39456   | 38028   | 38670   | 38718   | 1.85   | cps   |
| Selenium   | 77-2  | 0       | 13      | 3       | 6       | 124.93 | cps   |
| Selenium   | 78-2  | 19      | 31      | 2       | 17      | 85.94  | cps   |
| Selenium   | 82-1  | 302     | 130     | 131     | 188     | 52.74  | cps   |
| Silicon    | 28-1  | 395502  | 398346  | 397786  | 397211  | 0.38   | cps   |
| Silver     | 109-1 | 1950    | 2034    | 2034    | 2006    | 2.40   | cps   |
| Silver     | 107-1 | 2525    | 2225    | 2334    | 2361    | 6.43   | cps   |
| Sodium     | 23-2  | 10896   | 11689   | 11472   | 11352   | 3.61   | cps   |
| Strontium  | 86-1  | 1800    | 1709    | 1517    | 1675    | 8.63   | cps   |
| Strontium  | 88-1  | 5626    | 5643    | 5485    | 5585    | 1.56   | cps   |
| Sulfur     | 34-1  | 344096  | 341831  | 338690  | 341539  | 0.79   | cps   |
| Terbium    | 159-1 | 4945339 | 4934299 | 4879221 | 4919620 | 0.72   | cps   |
| Terbium    | 159-2 | 1611246 | 1515909 | 1567101 | 1564752 | 3.05   | cps   |
| Thallium   | 203-1 | 1125    | 1242    | 1217    | 1195    | 5.14   | cps   |
| Thallium   | 205-1 | 2959    | 3084    | 2909    | 2984    | 3.02   | cps   |
| Tin        | 118-1 | 2300    | 4051    | 1642    | 2664    | 46.74  | cps   |
| Titanium   | 47-1  | 408     | 492     | 342     | 414     | 18.16  | cps   |
| Uranium    | 238-1 | 3451    | 3359    | 3242    | 3351    | 3.12   | cps   |
| Vanadium   | 51-2  | 247     | 280     | 253     | 260     | 6.79   | cps   |
| Yttrium    | 89-1  | 4966438 | 5040080 | 4937724 | 4981414 | 1.06   | cps   |
| Yttrium    | 89-2  | 253341  | 244147  | 250659  | 249382  | 1.90   | cps   |
| Zinc       | 66-2  | 147     | 220     | 157     | 174     | 22.80  | cps   |
| Zirconium  | 90-1  | 2976    | 3384    | 3376    | 3245    | 7.19   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#4        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#4        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:14:34 | DataFile Name :   | 022SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 750  | 775  | 858  | 795     | 7.14   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#5 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:17:45 DataFile Name : 023SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 50      | 67      | 53      | 24.12  | cps   |
| Antimony   | 121-1 | 1909    | 2059    | 2209    | 2059    | 7.29   | cps   |
| Arsenic    | 75-2  | 48      | 35      | 50      | 44      | 18.16  | cps   |
| Barium     | 135-1 | 1800    | 2042    | 2117    | 1986    | 8.33   | cps   |
| Barium     | 137-1 | 3459    | 3642    | 3626    | 3576    | 2.84   | cps   |
| Beryllium  | 9-1   | 322     | 339     | 294     | 319     | 7.05   | cps   |
| Bismuth    | 209-1 | 2632729 | 2679314 | 2663918 | 2658654 | 0.89   | cps   |
| Bismuth    | 209-2 | 1192181 | 1205744 | 1197678 | 1198535 | 0.57   | cps   |
| Boron      | 10-1  | 575     | 475     | 500     | 517     | 10.07  | cps   |
| Boron      | 11-1  | 2567    | 2434    | 2200    | 2400    | 7.73   | cps   |
| Cadmium    | 111-1 | 1280    | 1370    | 1368    | 1339    | 3.85   | cps   |
| Cadmium    | 106-1 | 1167    | 1258    | 1242    | 1222    | 3.99   | cps   |
| Cadmium    | 108-1 | 29      | 33      | 38      | 33      | 12.50  | cps   |
| Calcium    | 43-1  | 3634    | 3451    | 3767    | 3617    | 4.40   | cps   |
| Calcium    | 44-1  | 61729   | 63209   | 62155   | 62364   | 1.22   | cps   |
| Chromium   | 52-2  | 1500    | 1487    | 1473    | 1487    | 0.90   | cps   |
| Cobalt     | 59-2  | 817     | 660     | 663     | 713     | 12.55  | cps   |
| Copper     | 63-2  | 1520    | 1573    | 1467    | 1520    | 3.51   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Erbium     | 164-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Gadolinium | 160-1 | 58      | 50      | 25      | 44      | 39.04  | cps   |
| Gadolinium | 160-2 | 10      | 17      | 23      | 17      | 39.99  | cps   |
| Holmium    | 165-1 | 4598819 | 4650181 | 4602108 | 4617036 | 0.62   | cps   |
| Holmium    | 165-2 | 1612917 | 1592721 | 1586265 | 1597301 | 0.87   | cps   |
| Indium     | 115-1 | 4526080 | 4476664 | 4518068 | 4506937 | 0.59   | cps   |
| Indium     | 115-2 | 326096  | 321429  | 320598  | 322708  | 0.92   | cps   |
| Iron       | 56-2  | 15698   | 16165   | 16416   | 16093   | 2.26   | cps   |
| Iron       | 57-2  | 356     | 328     | 394     | 359     | 9.32   | cps   |
| Lead       | 206-1 | 1089    | 1195    | 1339    | 1208    | 10.39  | cps   |
| Lead       | 207-1 | 1217    | 1133    | 1067    | 1139    | 6.60   | cps   |
| Lead       | 208-1 | 4912    | 4956    | 4951    | 4939    | 0.49   | cps   |
| Lithium    | 6-1   | 536829  | 539130  | 535868  | 537276  | 0.31   | cps   |
| Magnesium  | 24-2  | 1417    | 1350    | 1308    | 1358    | 4.02   | cps   |
| Manganese  | 55-2  | 270     | 240     | 247     | 252     | 6.25   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#5        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#5        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:17:45 | DataFile Name :   | 023SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1784    | 1675    | 1650    | 1703    | 4.16   | cps   |
| Molybdenum | 95-1  | 908     | 1050    | 983     | 981     | 7.23   | cps   |
| Molybdenum | 96-1  | 1258    | 1283    | 1175    | 1239    | 4.58   | cps   |
| Molybdenum | 97-1  | 550     | 658     | 583     | 597     | 9.29   | cps   |
| Molybdenum | 98-1  | 1442    | 1575    | 1508    | 1508    | 4.42   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 7       | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 323     | 290     | 353     | 322     | 9.83   | cps   |
| Phosphorus | 31-2  | 33      | 8       | 42      | 28      | 62.46  | cps   |
| Potassium  | 39-2  | 4659    | 4834    | 4951    | 4815    | 3.05   | cps   |
| Rhodium    | 103-1 | 4412181 | 4433420 | 4479656 | 4441752 | 0.78   | cps   |
| Rhodium    | 103-2 | 1724714 | 1728232 | 1708909 | 1720618 | 0.60   | cps   |
| Scandium   | 45-1  | 3192949 | 3255214 | 3225856 | 3224673 | 0.97   | cps   |
| Scandium   | 45-2  | 40091   | 39388   | 39111   | 39530   | 1.28   | cps   |
| Selenium   | 77-2  | 0       | 10      | 0       | 3       | 173.21 | cps   |
| Selenium   | 78-2  | 17      | 4       | 6       | 9       | 81.14  | cps   |
| Selenium   | 82-1  | 133     | 166     | 155     | 152     | 11.00  | cps   |
| Silicon    | 28-1  | 404607  | 405055  | 395745  | 401802  | 1.31   | cps   |
| Silver     | 109-1 | 2267    | 2400    | 2275    | 2314    | 3.23   | cps   |
| Silver     | 107-1 | 2467    | 2384    | 2525    | 2459    | 2.90   | cps   |
| Sodium     | 23-2  | 11080   | 10738   | 11922   | 11247   | 5.42   | cps   |
| Strontium  | 86-1  | 1584    | 1725    | 1609    | 1639    | 4.61   | cps   |
| Strontium  | 88-1  | 5260    | 5293    | 5493    | 5349    | 2.36   | cps   |
| Sulfur     | 34-1  | 347972  | 342174  | 343654  | 344600  | 0.87   | cps   |
| Terbium    | 159-1 | 4891725 | 4964335 | 4913617 | 4923226 | 0.76   | cps   |
| Terbium    | 159-2 | 1567661 | 1556945 | 1569086 | 1564564 | 0.42   | cps   |
| Thallium   | 203-1 | 1233    | 1142    | 1167    | 1181    | 4.01   | cps   |
| Thallium   | 205-1 | 2900    | 2817    | 2934    | 2884    | 2.08   | cps   |
| Tin        | 118-1 | 1825    | 2009    | 1900    | 1911    | 4.82   | cps   |
| Titanium   | 47-1  | 358     | 367     | 533     | 419     | 23.53  | cps   |
| Uranium    | 238-1 | 3201    | 3559    | 3209    | 3323    | 6.16   | cps   |
| Vanadium   | 51-2  | 230     | 273     | 287     | 263     | 11.25  | cps   |
| Yttrium    | 89-1  | 4932169 | 4946446 | 4909394 | 4929336 | 0.38   | cps   |
| Yttrium    | 89-2  | 250977  | 249297  | 251414  | 250563  | 0.45   | cps   |
| Zinc       | 66-2  | 193     | 217     | 233     | 214     | 9.37   | cps   |
| Zirconium  | 90-1  | 3234    | 3125    | 2900    | 3087    | 5.51   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#5        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#5        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:17:45 | DataFile Name :   | 023SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 775  | 583  | 917  | 758     | 22.06  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 92      | 92      | 86      | 11.18  | cps   |
| Antimony   | 121-1 | 1867    | 2300    | 2109    | 2092    | 10.38  | cps   |
| Arsenic    | 75-2  | 61      | 50      | 57      | 56      | 10.07  | cps   |
| Barium     | 135-1 | 2084    | 1925    | 2109    | 2039    | 4.88   | cps   |
| Barium     | 137-1 | 3767    | 3542    | 3509    | 3606    | 3.90   | cps   |
| Beryllium  | 9-1   | 422     | 306     | 322     | 350     | 18.03  | cps   |
| Bismuth    | 209-1 | 2678725 | 2631395 | 2666971 | 2659030 | 0.93   | cps   |
| Bismuth    | 209-2 | 1202615 | 1185330 | 1183943 | 1190629 | 0.87   | cps   |
| Boron      | 10-1  | 542     | 492     | 500     | 511     | 5.24   | cps   |
| Boron      | 11-1  | 2109    | 1992    | 2217    | 2106    | 5.34   | cps   |
| Cadmium    | 111-1 | 1318    | 1262    | 1366    | 1315    | 3.98   | cps   |
| Cadmium    | 106-1 | 1233    | 1100    | 1267    | 1200    | 7.35   | cps   |
| Cadmium    | 108-1 | 29      | 42      | 29      | 33      | 21.65  | cps   |
| Calcium    | 43-1  | 3776    | 3826    | 3576    | 3726    | 3.55   | cps   |
| Calcium    | 44-1  | 62941   | 64231   | 64281   | 63818   | 1.19   | cps   |
| Chromium   | 52-2  | 1450    | 1557    | 1513    | 1507    | 3.56   | cps   |
| Cobalt     | 59-2  | 830     | 793     | 837     | 820     | 2.85   | cps   |
| Copper     | 63-2  | 1690    | 1587    | 1683    | 1653    | 3.50   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 67      | 67      | 25      | 53      | 45.58  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 4638892 | 4694727 | 4621283 | 4651634 | 0.82   | cps   |
| Holmium    | 165-2 | 1588540 | 1564283 | 1560545 | 1571123 | 0.97   | cps   |
| Indium     | 115-1 | 4495070 | 4477631 | 4425687 | 4466129 | 0.81   | cps   |
| Indium     | 115-2 | 326503  | 319905  | 325011  | 323806  | 1.07   | cps   |
| Iron       | 56-2  | 16104   | 16527   | 16794   | 16475   | 2.11   | cps   |
| Iron       | 57-2  | 378     | 456     | 439     | 424     | 9.66   | cps   |
| Lead       | 206-1 | 1095    | 1183    | 1267    | 1182    | 7.29   | cps   |
| Lead       | 207-1 | 1139    | 1172    | 1100    | 1137    | 3.18   | cps   |
| Lead       | 208-1 | 4884    | 5351    | 5134    | 5123    | 4.56   | cps   |
| Lithium    | 6-1   | 542072  | 540897  | 535273  | 539414  | 0.67   | cps   |
| Magnesium  | 24-2  | 1342    | 1375    | 1350    | 1356    | 1.28   | cps   |
| Manganese  | 55-2  | 320     | 323     | 250     | 298     | 13.91  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1809    | 1834    | 1792    | 1811    | 1.16   | cps   |
| Molybdenum | 95-1  | 850     | 825     | 1042    | 906     | 13.09  | cps   |
| Molybdenum | 96-1  | 1217    | 1350    | 1258    | 1275    | 5.35   | cps   |
| Molybdenum | 97-1  | 717     | 500     | 558     | 592     | 18.95  | cps   |
| Molybdenum | 98-1  | 1550    | 1317    | 1442    | 1436    | 8.13   | cps   |
| Neodymium  | 150-1 | 40      | 13      | 27      | 27      | 50.01  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 360     | 310     | 277     | 316     | 13.29  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 25      | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 4709    | 4976    | 4976    | 4887    | 3.15   | cps   |
| Rhodium    | 103-1 | 4398492 | 4427311 | 4443663 | 4423156 | 0.52   | cps   |
| Rhodium    | 103-2 | 1735582 | 1712342 | 1713114 | 1720346 | 0.77   | cps   |
| Scandium   | 45-1  | 3269804 | 3261469 | 3205180 | 3245484 | 1.08   | cps   |
| Scandium   | 45-2  | 40642   | 39145   | 39118   | 39635   | 2.20   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 7       | 13      | 11      | 10      | 26.93  | cps   |
| Selenium   | 82-1  | 111     | 213     | 137     | 153     | 34.67  | cps   |
| Silicon    | 28-1  | 404758  | 400057  | 396753  | 400523  | 1.00   | cps   |
| Silver     | 109-1 | 2067    | 2359    | 2159    | 2195    | 6.80   | cps   |
| Silver     | 107-1 | 2317    | 2709    | 2409    | 2478    | 8.27   | cps   |
| Sodium     | 23-2  | 11789   | 11380   | 10996   | 11388   | 3.48   | cps   |
| Strontium  | 86-1  | 2025    | 1809    | 1567    | 1800    | 12.74  | cps   |
| Strontium  | 88-1  | 4959    | 5151    | 5501    | 5204    | 5.28   | cps   |
| Sulfur     | 34-1  | 346871  | 347189  | 345379  | 346479  | 0.28   | cps   |
| Terbium    | 159-1 | 4941711 | 4875282 | 4874638 | 4897210 | 0.79   | cps   |
| Terbium    | 159-2 | 1587749 | 1531762 | 1589835 | 1569782 | 2.10   | cps   |
| Thallium   | 203-1 | 1308    | 1317    | 1433    | 1353    | 5.17   | cps   |
| Thallium   | 205-1 | 3192    | 3151    | 2892    | 3078    | 5.28   | cps   |
| Tin        | 118-1 | 2092    | 1800    | 2184    | 2025    | 9.89   | cps   |
| Titanium   | 47-1  | 483     | 375     | 400     | 419     | 13.52  | cps   |
| Uranium    | 238-1 | 3317    | 3326    | 3742    | 3462    | 7.02   | cps   |
| Vanadium   | 51-2  | 237     | 293     | 217     | 249     | 15.98  | cps   |
| Yttrium    | 89-1  | 4936259 | 4980647 | 4940094 | 4952333 | 0.50   | cps   |
| Yttrium    | 89-2  | 251240  | 247051  | 250965  | 249752  | 0.94   | cps   |
| Zinc       | 66-2  | 413     | 383     | 417     | 404     | 4.54   | cps   |
| Zirconium  | 90-1  | 3359    | 3100    | 3259    | 3239    | 4.02   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#6        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#6        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:20:55 | DataFile Name :   | 024SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 558  | 667  | 742  | 656     | 14.06  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 83      | 50      | 64      | 27.15  | cps   |
| Antimony   | 121-1 | 1917    | 1867    | 2192    | 1992    | 8.79   | cps   |
| Arsenic    | 75-2  | 41      | 35      | 46      | 41      | 13.63  | cps   |
| Barium     | 135-1 | 1750    | 1925    | 1834    | 1836    | 4.77   | cps   |
| Barium     | 137-1 | 3176    | 2767    | 2959    | 2967    | 6.89   | cps   |
| Beryllium  | 9-1   | 333     | 239     | 294     | 289     | 16.43  | cps   |
| Bismuth    | 209-1 | 2665755 | 2671634 | 2644435 | 2660608 | 0.54   | cps   |
| Bismuth    | 209-2 | 1191146 | 1186532 | 1193594 | 1190424 | 0.30   | cps   |
| Boron      | 10-1  | 467     | 367     | 342     | 392     | 16.89  | cps   |
| Boron      | 11-1  | 2050    | 1767    | 1842    | 1886    | 7.78   | cps   |
| Cadmium    | 111-1 | 1145    | 1143    | 1277    | 1188    | 6.44   | cps   |
| Cadmium    | 106-1 | 1075    | 1075    | 1167    | 1106    | 4.79   | cps   |
| Cadmium    | 108-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Calcium    | 43-1  | 3367    | 3351    | 3517    | 3412    | 2.69   | cps   |
| Calcium    | 44-1  | 60397   | 61143   | 59778   | 60439   | 1.13   | cps   |
| Chromium   | 52-2  | 1427    | 1473    | 1460    | 1453    | 1.65   | cps   |
| Cobalt     | 59-2  | 663     | 663     | 707     | 678     | 3.69   | cps   |
| Copper     | 63-2  | 1293    | 1413    | 1497    | 1401    | 7.30   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 25      | 8       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 75      | 44      | 60.28  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 20      | 12      | 56.76  | cps   |
| Holmium    | 165-1 | 4590538 | 4557021 | 4609916 | 4585825 | 0.58   | cps   |
| Holmium    | 165-2 | 1558945 | 1565630 | 1574029 | 1566201 | 0.48   | cps   |
| Indium     | 115-1 | 4429695 | 4548445 | 4459940 | 4479360 | 1.38   | cps   |
| Indium     | 115-2 | 321487  | 320011  | 322958  | 321485  | 0.46   | cps   |
| Iron       | 56-2  | 14319   | 14419   | 14347   | 14361   | 0.36   | cps   |
| Iron       | 57-2  | 283     | 389     | 306     | 326     | 17.08  | cps   |
| Lead       | 206-1 | 1183    | 1106    | 1056    | 1115    | 5.78   | cps   |
| Lead       | 207-1 | 1106    | 906     | 995     | 1002    | 10.00  | cps   |
| Lead       | 208-1 | 4695    | 4356    | 4445    | 4499    | 3.91   | cps   |
| Lithium    | 6-1   | 525961  | 531621  | 528861  | 528814  | 0.54   | cps   |
| Magnesium  | 24-2  | 1250    | 1300    | 1058    | 1203    | 10.61  | cps   |
| Manganese  | 55-2  | 307     | 213     | 267     | 262     | 17.86  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1542    | 1400    | 1625    | 1522    | 7.47   | cps   |
| Molybdenum | 95-1  | 908     | 683     | 800     | 797     | 14.12  | cps   |
| Molybdenum | 96-1  | 1108    | 1150    | 1150    | 1136    | 2.12   | cps   |
| Molybdenum | 97-1  | 517     | 550     | 600     | 556     | 7.55   | cps   |
| Molybdenum | 98-1  | 1342    | 1367    | 1367    | 1358    | 1.06   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 363     | 317     | 273     | 318     | 14.17  | cps   |
| Phosphorus | 31-2  | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 4451    | 4659    | 4501    | 4537    | 2.40   | cps   |
| Rhodium    | 103-1 | 4443110 | 4434067 | 4363074 | 4413417 | 0.99   | cps   |
| Rhodium    | 103-2 | 1717508 | 1713718 | 1727642 | 1719623 | 0.42   | cps   |
| Scandium   | 45-1  | 3233591 | 3232078 | 3226736 | 3230801 | 0.11   | cps   |
| Scandium   | 45-2  | 38510   | 38733   | 38984   | 38742   | 0.61   | cps   |
| Selenium   | 77-2  | 13      | 0       | 3       | 6       | 124.93 | cps   |
| Selenium   | 78-2  | 13      | 2       | 13      | 9       | 69.29  | cps   |
| Selenium   | 82-1  | 224     | 155     | 106     | 162     | 36.52  | cps   |
| Silicon    | 28-1  | 400164  | 400247  | 400396  | 400269  | 0.03   | cps   |
| Silver     | 109-1 | 1809    | 1917    | 1867    | 1864    | 2.91   | cps   |
| Silver     | 107-1 | 2034    | 2017    | 1917    | 1989    | 3.17   | cps   |
| Sodium     | 23-2  | 10521   | 10379   | 10754   | 10552   | 1.80   | cps   |
| Strontium  | 86-1  | 1625    | 1700    | 1700    | 1675    | 2.59   | cps   |
| Strontium  | 88-1  | 4576    | 4293    | 4934    | 4601    | 6.99   | cps   |
| Sulfur     | 34-1  | 340767  | 343849  | 346573  | 343730  | 0.85   | cps   |
| Terbium    | 159-1 | 4893279 | 4866261 | 4826051 | 4861864 | 0.70   | cps   |
| Terbium    | 159-2 | 1544983 | 1551606 | 1549799 | 1548796 | 0.22   | cps   |
| Thallium   | 203-1 | 883     | 1117    | 1025    | 1008    | 11.66  | cps   |
| Thallium   | 205-1 | 2600    | 2834    | 2867    | 2767    | 5.25   | cps   |
| Tin        | 118-1 | 1784    | 1634    | 1884    | 1767    | 7.12   | cps   |
| Titanium   | 47-1  | 367     | 425     | 350     | 381     | 10.35  | cps   |
| Uranium    | 238-1 | 2775    | 3134    | 2909    | 2939    | 6.16   | cps   |
| Vanadium   | 51-2  | 223     | 247     | 203     | 224     | 9.66   | cps   |
| Yttrium    | 89-1  | 5012576 | 4971590 | 5003440 | 4995869 | 0.43   | cps   |
| Yttrium    | 89-2  | 246883  | 247691  | 251235  | 248603  | 0.93   | cps   |
| Zinc       | 66-2  | 157     | 133     | 167     | 152     | 11.24  | cps   |
| Zirconium  | 90-1  | 2892    | 3117    | 2459    | 2823    | 11.86  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#7        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#7        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:24:06 | DataFile Name :   | 025SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 542  | 725  | 675  | 647     | 14.64  | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 410033   | 410580   | 411264   | 410626   | 0.15   | cps   |
| Antimony   | 121-1 | 3719154  | 3746627  | 3777661  | 3747814  | 0.78   | cps   |
| Arsenic    | 75-2  | 76320    | 75924    | 75810    | 76018    | 0.35   | cps   |
| Barium     | 135-1 | 3700923  | 3783550  | 3732640  | 3739038  | 1.11   | cps   |
| Barium     | 137-1 | 6388684  | 6487183  | 6566169  | 6480679  | 1.37   | cps   |
| Beryllium  | 9-1   | 546998   | 548404   | 558391   | 551264   | 1.13   | cps   |
| Bismuth    | 209-1 | 2749961  | 2827604  | 2838865  | 2805477  | 1.73   | cps   |
| Bismuth    | 209-2 | 1165605  | 1223942  | 1234532  | 1208026  | 3.07   | cps   |
| Boron      | 10-1  | 67543    | 70707    | 71001    | 69751    | 2.75   | cps   |
| Boron      | 11-1  | 318425   | 326841   | 327172   | 324146   | 1.53   | cps   |
| Cadmium    | 111-1 | 807765   | 829129   | 831437   | 822777   | 1.59   | cps   |
| Cadmium    | 106-1 | 83652    | 84314    | 85764    | 84577    | 1.28   | cps   |
| Cadmium    | 108-1 | 57154    | 57208    | 58250    | 57538    | 1.07   | cps   |
| Calcium    | 43-1  | 5099723  | 5145530  | 5123696  | 5122983  | 0.45   | cps   |
| Calcium    | 44-1  | 82508152 | 83019969 | 82520662 | 82682928 | 0.35   | cps   |
| Chromium   | 52-2  | 610686   | 611980   | 605353   | 609340   | 0.58   | cps   |
| Cobalt     | 59-2  | 1193679  | 1202388  | 1190665  | 1195577  | 0.51   | cps   |
| Copper     | 63-2  | 2056473  | 2070487  | 2047307  | 2058089  | 0.57   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 67       | 89       | 23.59  | cps   |
| Dysprosium | 156-2 | 17       | 17       | 23       | 19       | 20.36  | cps   |
| Erbium     | 164-1 | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Erbium     | 164-2 | 20       | 10       | 20       | 17       | 34.64  | cps   |
| Gadolinium | 160-1 | 50       | 83       | 92       | 75       | 29.40  | cps   |
| Gadolinium | 160-2 | 13       | 23       | 27       | 21       | 32.88  | cps   |
| Holmium    | 165-1 | 4912524  | 4993618  | 5062758  | 4989634  | 1.51   | cps   |
| Holmium    | 165-2 | 1627457  | 1737371  | 1727983  | 1697604  | 3.59   | cps   |
| Indium     | 115-1 | 4518437  | 4582044  | 4613806  | 4571429  | 1.06   | cps   |
| Indium     | 115-2 | 304809   | 319568   | 320079   | 314819   | 2.75   | cps   |
| Iron       | 56-2  | 97378344 | 97408224 | 96639324 | 97141964 | 0.45   | cps   |
| Iron       | 57-2  | 2467260  | 2452379  | 2455145  | 2458261  | 0.32   | cps   |
| Lead       | 206-1 | 1748554  | 1822237  | 1823250  | 1798014  | 2.38   | cps   |
| Lead       | 207-1 | 1575363  | 1616745  | 1619564  | 1603891  | 1.54   | cps   |
| Lead       | 208-1 | 7212796  | 7406495  | 7468608  | 7362633  | 1.81   | cps   |
| Lithium    | 6-1   | 577043   | 583967   | 603005   | 588005   | 2.29   | cps   |
| Magnesium  | 24-2  | 10027341 | 9990554  | 10116755 | 10044883 | 0.65   | cps   |
| Manganese  | 55-2  | 344635   | 346507   | 344377   | 345173   | 0.34   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2996754  | 3010691  | 3012001  | 3006482  | 0.28   | cps   |
| Molybdenum | 95-1  | 1715942  | 1736052  | 1753141  | 1735045  | 1.07   | cps   |
| Molybdenum | 96-1  | 2175089  | 2199877  | 2252001  | 2208989  | 1.78   | cps   |
| Molybdenum | 97-1  | 1055204  | 1060020  | 1070443  | 1061889  | 0.73   | cps   |
| Molybdenum | 98-1  | 2782666  | 2813295  | 2809829  | 2801930  | 0.60   | cps   |
| Neodymium  | 150-1 | 120      | 153      | 127      | 133      | 13.23  | cps   |
| Neodymium  | 150-2 | 7        | 33       | 23       | 21       | 63.80  | cps   |
| Nickel     | 60-2  | 349747   | 352989   | 347728   | 350155   | 0.76   | cps   |
| Phosphorus | 31-2  | 6410     | 6310     | 6610     | 6443     | 2.37   | cps   |
| Potassium  | 39-2  | 3334593  | 3356085  | 3291220  | 3327299  | 0.99   | cps   |
| Rhodium    | 103-1 | 4349719  | 4370373  | 4460547  | 4393546  | 1.34   | cps   |
| Rhodium    | 103-2 | 1588147  | 1653636  | 1652351  | 1631378  | 2.30   | cps   |
| Scandium   | 45-1  | 3302805  | 3320716  | 3350818  | 3324780  | 0.73   | cps   |
| Scandium   | 45-2  | 37647    | 39014    | 39312    | 38658    | 2.30   | cps   |
| Selenium   | 77-2  | 603      | 523      | 483      | 537      | 11.39  | cps   |
| Selenium   | 78-2  | 1921     | 1908     | 1882     | 1903     | 1.04   | cps   |
| Selenium   | 82-1  | 55672    | 55471    | 55589    | 55577    | 0.18   | cps   |
| Silicon    | 28-1  | 2218362  | 2256344  | 2282027  | 2252244  | 1.42   | cps   |
| Silver     | 109-1 | 3865814  | 3989127  | 3953763  | 3936235  | 1.61   | cps   |
| Silver     | 107-1 | 4093925  | 4120524  | 4171618  | 4128689  | 0.96   | cps   |
| Sodium     | 23-2  | 24570576 | 24630227 | 24468109 | 24556304 | 0.33   | cps   |
| Strontium  | 86-1  | 1071857  | 1080942  | 1101063  | 1084620  | 1.38   | cps   |
| Strontium  | 88-1  | 9297240  | 9445383  | 9506300  | 9416308  | 1.14   | cps   |
| Sulfur     | 34-1  | 647995   | 647895   | 646822   | 647570   | 0.10   | cps   |
| Terbium    | 159-1 | 5256526  | 5292753  | 5290612  | 5279964  | 0.38   | cps   |
| Terbium    | 159-2 | 1595056  | 1670706  | 1683650  | 1649804  | 2.90   | cps   |
| Thallium   | 203-1 | 2222706  | 2258063  | 2303894  | 2261554  | 1.80   | cps   |
| Thallium   | 205-1 | 5269488  | 5344289  | 5386815  | 5333531  | 1.11   | cps   |
| Tin        | 118-1 | 2580404  | 2576538  | 2635693  | 2597545  | 1.27   | cps   |
| Titanium   | 47-1  | 508583   | 513035   | 515992   | 512537   | 0.73   | cps   |
| Uranium    | 238-1 | 6619627  | 6800317  | 6864064  | 6761336  | 1.88   | cps   |
| Vanadium   | 51-2  | 440770   | 439140   | 438388   | 439433   | 0.28   | cps   |
| Yttrium    | 89-1  | 5101204  | 5125836  | 5221052  | 5149364  | 1.23   | cps   |
| Yttrium    | 89-2  | 242082   | 249933   | 252472   | 248162   | 2.18   | cps   |
| Zinc       | 66-2  | 199574   | 200990   | 198193   | 199586   | 0.70   | cps   |
| Zirconium  | 90-1  | 5481389  | 5524018  | 5576579  | 5527329  | 0.86   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV07               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV07               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 15:33:33 | DataFile Name :   | 028CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1213755 | 1227013 | 1233266 | 1224678 | 0.81   | cps   |



LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB07 Instrumnet Name : P8  
 Client Sample ID : CCB07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:42:00 DataFile Name : 029CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 33      | 17      | 22      | 43.28  | cps   |
| Antimony   | 121-1 | 258     | 233     | 392     | 294     | 28.91  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 25      | 33      | 42      | 33      | 25.01  | cps   |
| Barium     | 137-1 | 100     | 58      | 58      | 72      | 33.31  | cps   |
| Beryllium  | 9-1   | 39      | 72      | 39      | 50      | 38.50  | cps   |
| Bismuth    | 209-1 | 2802015 | 2744937 | 2834959 | 2793971 | 1.63   | cps   |
| Bismuth    | 209-2 | 1215652 | 1213989 | 1215367 | 1215003 | 0.07   | cps   |
| Boron      | 10-1  | 767     | 842     | 708     | 772     | 8.66   | cps   |
| Boron      | 11-1  | 3376    | 3142    | 3067    | 3195    | 5.03   | cps   |
| Cadmium    | 111-1 | 684     | 781     | 725     | 730     | 6.71   | cps   |
| Cadmium    | 106-1 | 983     | 1108    | 1033    | 1042    | 6.04   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 4       | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 3384    | 3000    | 2817    | 3067    | 9.43   | cps   |
| Calcium    | 44-1  | 53712   | 53788   | 53570   | 53690   | 0.21   | cps   |
| Chromium   | 52-2  | 1063    | 997     | 1043    | 1035    | 3.31   | cps   |
| Cobalt     | 59-2  | 60      | 60      | 37      | 52      | 25.79  | cps   |
| Copper     | 63-2  | 347     | 317     | 277     | 313     | 11.21  | cps   |
| Dysprosium | 156-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 8       | 0       | 25      | 11      | 114.58 | cps   |
| Erbium     | 164-2 | 0       | 13      | 7       | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 58      | 33      | 33      | 42      | 34.65  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4687832 | 4679281 | 4787481 | 4718198 | 1.27   | cps   |
| Holmium    | 165-2 | 1626480 | 1623699 | 1610446 | 1620208 | 0.53   | cps   |
| Indium     | 115-1 | 4528840 | 4581566 | 4545284 | 4551897 | 0.59   | cps   |
| Indium     | 115-2 | 328130  | 322502  | 321294  | 323975  | 1.13   | cps   |
| Iron       | 56-2  | 4834    | 4601    | 4523    | 4653    | 3.48   | cps   |
| Iron       | 57-2  | 100     | 122     | 89      | 104     | 16.37  | cps   |
| Lead       | 206-1 | 344     | 394     | 439     | 393     | 12.04  | cps   |
| Lead       | 207-1 | 294     | 289     | 317     | 300     | 4.90   | cps   |
| Lead       | 208-1 | 1539    | 1528    | 1511    | 1526    | 0.92   | cps   |
| Lithium    | 6-1   | 561325  | 564802  | 566251  | 564126  | 0.45   | cps   |
| Magnesium  | 24-2  | 158     | 167     | 175     | 167     | 5.00   | cps   |
| Manganese  | 55-2  | 57      | 77      | 93      | 76      | 24.30  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB07               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB07               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:42:00 | DataFile Name :   | 029CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 158     | 208     | 308     | 225     | 33.94   | cps   |
| Molybdenum | 95-1  | 50      | 50      | 8       | 36      | 66.62   | cps   |
| Molybdenum | 96-1  | 108     | 142     | 67      | 106     | 35.60   | cps   |
| Molybdenum | 97-1  | 58      | 25      | 83      | 56      | 52.68   | cps   |
| Molybdenum | 98-1  | 50      | 75      | 92      | 72      | 29.04   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 93      | 67      | 80      | 80      | 16.67   | cps   |
| Phosphorus | 31-2  | 33      | 0       | 17      | 17      | 100.00  | cps   |
| Potassium  | 39-2  | 4343    | 5109    | 4584    | 4679    | 8.38    | cps   |
| Rhodium    | 103-1 | 4522247 | 4504956 | 4501155 | 4509453 | 0.25    | cps   |
| Rhodium    | 103-2 | 1730516 | 1712204 | 1712946 | 1718556 | 0.60    | cps   |
| Scandium   | 45-1  | 3158207 | 3209889 | 3234986 | 3201027 | 1.22    | cps   |
| Scandium   | 45-2  | 38924   | 38907   | 38864   | 38898   | 0.08    | cps   |
| Selenium   | 77-2  | 7       | 3       | 3       | 4       | 43.40   | cps   |
| Selenium   | 78-2  | 4       | 4       | 6       | 4       | 24.86   | cps   |
| Selenium   | 82-1  | -85     | -27     | 14      | -33     | -151.81 | cps   |
| Silicon    | 28-1  | 420408  | 388468  | 400694  | 403190  | 4.00    | cps   |
| Silver     | 109-1 | 83      | 133     | 100     | 106     | 24.12   | cps   |
| Silver     | 107-1 | 167     | 133     | 117     | 139     | 18.33   | cps   |
| Sodium     | 23-2  | 9787    | 9353    | 9303    | 9481    | 2.81    | cps   |
| Strontium  | 86-1  | 1033    | 1083    | 1258    | 1125    | 10.50   | cps   |
| Strontium  | 88-1  | 358     | 300     | 308     | 322     | 9.79    | cps   |
| Sulfur     | 34-1  | 342660  | 337406  | 339047  | 339704  | 0.79    | cps   |
| Terbium    | 159-1 | 4971991 | 4993705 | 5044634 | 5003443 | 0.75    | cps   |
| Terbium    | 159-2 | 1628109 | 1602590 | 1571234 | 1600644 | 1.78    | cps   |
| Thallium   | 203-1 | 183     | 142     | 175     | 167     | 13.23   | cps   |
| Thallium   | 205-1 | 317     | 392     | 417     | 375     | 13.88   | cps   |
| Tin        | 118-1 | 867     | 900     | 883     | 883     | 1.89    | cps   |
| Titanium   | 47-1  | 233     | 142     | 142     | 172     | 30.73   | cps   |
| Uranium    | 238-1 | 50      | 58      | 58      | 56      | 8.67    | cps   |
| Vanadium   | 51-2  | 17      | 20      | 20      | 19      | 10.18   | cps   |
| Yttrium    | 89-1  | 5012310 | 5011573 | 4972348 | 4998743 | 0.46    | cps   |
| Yttrium    | 89-2  | 246405  | 245792  | 244864  | 245687  | 0.32    | cps   |
| Zinc       | 66-2  | 70      | 100     | 110     | 93      | 22.30   | cps   |
| Zirconium  | 90-1  | 658     | 875     | 625     | 720     | 18.87   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB07               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB07               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:42:00 | DataFile Name :   | 029CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 125  | 225  | 156     | 38.75  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#1 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:45:09 DataFile Name : 030SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 42      | 92      | 67      | 37.50  | cps   |
| Antimony   | 121-1 | 1850    | 2067    | 1792    | 1903    | 7.62   | cps   |
| Arsenic    | 75-2  | 39      | 39      | 44      | 41      | 7.87   | cps   |
| Barium     | 135-1 | 1775    | 1700    | 1742    | 1739    | 2.16   | cps   |
| Barium     | 137-1 | 3092    | 2909    | 3001    | 3000    | 3.06   | cps   |
| Beryllium  | 9-1   | 367     | 317     | 261     | 315     | 16.77  | cps   |
| Bismuth    | 209-1 | 2752485 | 2755442 | 2725671 | 2744533 | 0.60   | cps   |
| Bismuth    | 209-2 | 1223509 | 1217324 | 1216389 | 1219074 | 0.32   | cps   |
| Boron      | 10-1  | 442     | 592     | 675     | 569     | 20.77  | cps   |
| Boron      | 11-1  | 2759    | 2717    | 2684    | 2720    | 1.38   | cps   |
| Cadmium    | 111-1 | 1132    | 1049    | 1006    | 1062    | 6.02   | cps   |
| Cadmium    | 106-1 | 1117    | 883     | 875     | 958     | 14.32  | cps   |
| Cadmium    | 108-1 | 42      | 33      | 75      | 50      | 44.10  | cps   |
| Calcium    | 43-1  | 3651    | 3759    | 3526    | 3645    | 3.20   | cps   |
| Calcium    | 44-1  | 60866   | 60146   | 60154   | 60389   | 0.68   | cps   |
| Chromium   | 52-2  | 1397    | 1300    | 1207    | 1301    | 7.30   | cps   |
| Cobalt     | 59-2  | 650     | 707     | 663     | 673     | 4.40   | cps   |
| Copper     | 63-2  | 1280    | 1210    | 1200    | 1230    | 3.54   | cps   |
| Dysprosium | 156-1 | 33      | 0       | 8       | 14      | 124.91 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 25      | 33      | 33      | 31      | 15.75  | cps   |
| Gadolinium | 160-2 | 23      | 3       | 10      | 12      | 83.33  | cps   |
| Holmium    | 165-1 | 4692677 | 4733415 | 4756759 | 4727617 | 0.69   | cps   |
| Holmium    | 165-2 | 1604284 | 1632092 | 1588760 | 1608379 | 1.37   | cps   |
| Indium     | 115-1 | 4466084 | 4585339 | 4566406 | 4539276 | 1.41   | cps   |
| Indium     | 115-2 | 328116  | 324473  | 327423  | 326671  | 0.59   | cps   |
| Iron       | 56-2  | 14719   | 14130   | 14458   | 14436   | 2.05   | cps   |
| Iron       | 57-2  | 372     | 372     | 372     | 372     | 0.00   | cps   |
| Lead       | 206-1 | 1350    | 1189    | 1139    | 1226    | 9.00   | cps   |
| Lead       | 207-1 | 1050    | 1161    | 1083    | 1098    | 5.19   | cps   |
| Lead       | 208-1 | 4945    | 4962    | 4895    | 4934    | 0.70   | cps   |
| Lithium    | 6-1   | 562316  | 560121  | 561013  | 561150  | 0.20   | cps   |
| Magnesium  | 24-2  | 975     | 1042    | 1092    | 1036    | 5.65   | cps   |
| Manganese  | 55-2  | 290     | 243     | 210     | 248     | 16.22  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#1         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#1         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:45:09 | DataFile Name :   | 030SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1617    | 1508    | 1700    | 1609    | 5.98   | cps   |
| Molybdenum | 95-1  | 842     | 733     | 625     | 733     | 14.77  | cps   |
| Molybdenum | 96-1  | 992     | 1300    | 808     | 1033    | 24.05  | cps   |
| Molybdenum | 97-1  | 467     | 442     | 650     | 519     | 21.90  | cps   |
| Molybdenum | 98-1  | 1300    | 1175    | 1350    | 1275    | 7.07   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 287     | 267     | 267     | 273     | 4.23   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 4851    | 4718    | 4759    | 4776    | 1.43   | cps   |
| Rhodium    | 103-1 | 4456767 | 4504131 | 4456694 | 4472531 | 0.61   | cps   |
| Rhodium    | 103-2 | 1741496 | 1736231 | 1725063 | 1734263 | 0.48   | cps   |
| Scandium   | 45-1  | 3210151 | 3263827 | 3226516 | 3233498 | 0.85   | cps   |
| Scandium   | 45-2  | 39061   | 39084   | 38864   | 39003   | 0.31   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 9       | 13      | 9       | 53.95  | cps   |
| Selenium   | 82-1  | 153     | 274     | 164     | 197     | 33.97  | cps   |
| Silicon    | 28-1  | 399628  | 397017  | 399061  | 398568  | 0.34   | cps   |
| Silver     | 109-1 | 1775    | 1850    | 1917    | 1847    | 3.84   | cps   |
| Silver     | 107-1 | 2084    | 2009    | 2017    | 2036    | 2.02   | cps   |
| Sodium     | 23-2  | 11397   | 12147   | 11497   | 11680   | 3.49   | cps   |
| Strontium  | 86-1  | 1834    | 1608    | 1767    | 1736    | 6.66   | cps   |
| Strontium  | 88-1  | 5118    | 5001    | 4751    | 4957    | 3.78   | cps   |
| Sulfur     | 34-1  | 337313  | 338876  | 337521  | 337904  | 0.25   | cps   |
| Terbium    | 159-1 | 4887443 | 5023075 | 5010082 | 4973533 | 1.50   | cps   |
| Terbium    | 159-2 | 1610930 | 1613344 | 1625447 | 1616574 | 0.48   | cps   |
| Thallium   | 203-1 | 1167    | 1158    | 1058    | 1128    | 5.35   | cps   |
| Thallium   | 205-1 | 2642    | 2934    | 2992    | 2856    | 6.57   | cps   |
| Tin        | 118-1 | 1859    | 1634    | 1650    | 1714    | 7.32   | cps   |
| Titanium   | 47-1  | 317     | 450     | 375     | 381     | 17.57  | cps   |
| Uranium    | 238-1 | 2784    | 2909    | 3025    | 2906    | 4.16   | cps   |
| Vanadium   | 51-2  | 213     | 203     | 207     | 208     | 2.45   | cps   |
| Yttrium    | 89-1  | 4974934 | 4953949 | 4949436 | 4959440 | 0.27   | cps   |
| Yttrium    | 89-2  | 250679  | 247127  | 248824  | 248877  | 0.71   | cps   |
| Zinc       | 66-2  | 177     | 123     | 157     | 152     | 17.70  | cps   |
| Zirconium  | 90-1  | 3192    | 2859    | 2909    | 2987    | 6.02   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#1         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#1         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:45:09 | DataFile Name :   | 030SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 658  | 675  | 675  | 669     | 1.44   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#2         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#2         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:48:20 | DataFile Name :   | 031SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 67      | 92      | 67      | 37.50  | cps   |
| Antimony   | 121-1 | 1809    | 1917    | 1834    | 1853    | 3.06   | cps   |
| Arsenic    | 75-2  | 37      | 65      | 41      | 48      | 31.73  | cps   |
| Barium     | 135-1 | 1775    | 1975    | 1775    | 1842    | 6.27   | cps   |
| Barium     | 137-1 | 3076    | 3034    | 3000    | 3037    | 1.24   | cps   |
| Beryllium  | 9-1   | 289     | 306     | 361     | 319     | 11.87  | cps   |
| Bismuth    | 209-1 | 2702667 | 2683605 | 2748868 | 2711713 | 1.24   | cps   |
| Bismuth    | 209-2 | 1215136 | 1210517 | 1207385 | 1211013 | 0.32   | cps   |
| Boron      | 10-1  | 600     | 608     | 533     | 581     | 7.08   | cps   |
| Boron      | 11-1  | 2525    | 2525    | 2459    | 2503    | 1.54   | cps   |
| Cadmium    | 111-1 | 1117    | 1288    | 1173    | 1192    | 7.29   | cps   |
| Cadmium    | 106-1 | 1083    | 1283    | 1075    | 1147    | 10.28  | cps   |
| Cadmium    | 108-1 | 29      | 33      | 25      | 29      | 14.28  | cps   |
| Calcium    | 43-1  | 3517    | 4042    | 3717    | 3759    | 7.05   | cps   |
| Calcium    | 44-1  | 60021   | 60230   | 60088   | 60113   | 0.18   | cps   |
| Chromium   | 52-2  | 1367    | 1293    | 1400    | 1353    | 4.03   | cps   |
| Cobalt     | 59-2  | 643     | 667     | 633     | 648     | 2.64   | cps   |
| Copper     | 63-2  | 1350    | 1313    | 1380    | 1348    | 2.48   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 50      | 33      | 42      | 20.00  | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 83      | 42      | 17      | 47      | 71.32  | cps   |
| Gadolinium | 160-2 | 13      | 0       | 3       | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 4668714 | 4656208 | 4687686 | 4670869 | 0.34   | cps   |
| Holmium    | 165-2 | 1602778 | 1591528 | 1593854 | 1596053 | 0.37   | cps   |
| Indium     | 115-1 | 4510404 | 4592718 | 4542653 | 4548592 | 0.91   | cps   |
| Indium     | 115-2 | 324269  | 323236  | 326636  | 324713  | 0.54   | cps   |
| Iron       | 56-2  | 13629   | 14358   | 14519   | 14169   | 3.35   | cps   |
| Iron       | 57-2  | 406     | 378     | 422     | 402     | 5.59   | cps   |
| Lead       | 206-1 | 1100    | 1206    | 1167    | 1158    | 4.61   | cps   |
| Lead       | 207-1 | 1067    | 1100    | 1145    | 1104    | 3.54   | cps   |
| Lead       | 208-1 | 4728    | 4812    | 4734    | 4758    | 0.98   | cps   |
| Lithium    | 6-1   | 559437  | 562068  | 563702  | 561736  | 0.38   | cps   |
| Magnesium  | 24-2  | 1158    | 1150    | 1358    | 1222    | 9.65   | cps   |
| Manganese  | 55-2  | 310     | 303     | 237     | 283     | 14.31  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#2         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#2         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:48:20 | DataFile Name :   | 031SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1567    | 1600    | 1709    | 1625    | 4.56   | cps   |
| Molybdenum | 95-1  | 842     | 800     | 767     | 803     | 4.68   | cps   |
| Molybdenum | 96-1  | 950     | 1100    | 1092    | 1047    | 8.05   | cps   |
| Molybdenum | 97-1  | 542     | 583     | 508     | 544     | 6.90   | cps   |
| Molybdenum | 98-1  | 1408    | 1483    | 1283    | 1392    | 7.26   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 270     | 247     | 283     | 267     | 6.96   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 4543    | 4484    | 4584    | 4537    | 1.11   | cps   |
| Rhodium    | 103-1 | 4452017 | 4501343 | 4538380 | 4497246 | 0.96   | cps   |
| Rhodium    | 103-2 | 1723478 | 1725984 | 1754594 | 1734685 | 1.00   | cps   |
| Scandium   | 45-1  | 3250708 | 3249212 | 3246008 | 3248643 | 0.07   | cps   |
| Scandium   | 45-2  | 39051   | 38914   | 39165   | 39043   | 0.32   | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 4       | 17      | 11      | 10      | 62.01  | cps   |
| Selenium   | 82-1  | 212     | 118     | 190     | 173     | 28.37  | cps   |
| Silicon    | 28-1  | 398069  | 399284  | 398497  | 398617  | 0.15   | cps   |
| Silver     | 109-1 | 2025    | 1809    | 1917    | 1917    | 5.65   | cps   |
| Silver     | 107-1 | 1917    | 2150    | 2000    | 2022    | 5.85   | cps   |
| Sodium     | 23-2  | 11138   | 10921   | 10988   | 11016   | 1.01   | cps   |
| Strontium  | 86-1  | 1717    | 1734    | 1917    | 1789    | 6.20   | cps   |
| Strontium  | 88-1  | 4851    | 4851    | 5126    | 4943    | 3.21   | cps   |
| Sulfur     | 34-1  | 338689  | 342126  | 337229  | 339348  | 0.74   | cps   |
| Terbium    | 159-1 | 4969494 | 4946981 | 5039197 | 4985224 | 0.96   | cps   |
| Terbium    | 159-2 | 1627998 | 1570364 | 1588880 | 1595747 | 1.84   | cps   |
| Thallium   | 203-1 | 1275    | 1100    | 1225    | 1200    | 7.51   | cps   |
| Thallium   | 205-1 | 2976    | 2717    | 2367    | 2687    | 11.37  | cps   |
| Tin        | 118-1 | 1684    | 1867    | 1884    | 1811    | 6.13   | cps   |
| Titanium   | 47-1  | 500     | 350     | 467     | 439     | 17.95  | cps   |
| Uranium    | 238-1 | 2842    | 3142    | 2942    | 2976    | 5.14   | cps   |
| Vanadium   | 51-2  | 230     | 193     | 250     | 224     | 12.80  | cps   |
| Yttrium    | 89-1  | 4956260 | 5029204 | 5042489 | 5009318 | 0.93   | cps   |
| Yttrium    | 89-2  | 247659  | 250005  | 251661  | 249775  | 0.81   | cps   |
| Zinc       | 66-2  | 117     | 127     | 193     | 146     | 28.63  | cps   |
| Zirconium  | 90-1  | 2917    | 3092    | 3167    | 3059    | 4.20   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#2         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#2         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:48:20 | DataFile Name :   | 031SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 725  | 733  | 750  | 736     | 1.73   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 42      | 58      | 58      | 28.57  | cps   |
| Antimony   | 121-1 | 1917    | 1950    | 1892    | 1920    | 1.52   | cps   |
| Arsenic    | 75-2  | 46      | 46      | 59      | 51      | 14.78  | cps   |
| Barium     | 135-1 | 1525    | 1642    | 1700    | 1622    | 5.49   | cps   |
| Barium     | 137-1 | 2725    | 3009    | 2959    | 2898    | 5.22   | cps   |
| Beryllium  | 9-1   | 328     | 289     | 294     | 304     | 6.93   | cps   |
| Bismuth    | 209-1 | 2780513 | 2740983 | 2691213 | 2737570 | 1.63   | cps   |
| Bismuth    | 209-2 | 1219698 | 1217548 | 1210283 | 1215843 | 0.41   | cps   |
| Boron      | 10-1  | 417     | 533     | 533     | 494     | 13.62  | cps   |
| Boron      | 11-1  | 2142    | 2484    | 2384    | 2336    | 7.52   | cps   |
| Cadmium    | 111-1 | 1124    | 1263    | 1092    | 1160    | 7.84   | cps   |
| Cadmium    | 106-1 | 1083    | 1208    | 1000    | 1097    | 9.56   | cps   |
| Cadmium    | 108-1 | 38      | 29      | 29      | 32      | 15.05  | cps   |
| Calcium    | 43-1  | 3767    | 3601    | 3417    | 3595    | 4.87   | cps   |
| Calcium    | 44-1  | 60222   | 59151   | 59778   | 59717   | 0.90   | cps   |
| Chromium   | 52-2  | 1377    | 1423    | 1430    | 1410    | 2.06   | cps   |
| Cobalt     | 59-2  | 583     | 553     | 717     | 618     | 14.07  | cps   |
| Copper     | 63-2  | 1383    | 1283    | 1307    | 1325    | 3.95   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Erbium     | 164-2 | 7       | 13      | 10      | 10      | 33.30  | cps   |
| Gadolinium | 160-1 | 25      | 42      | 17      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 3       | 27      | 7       | 12      | 103.26 | cps   |
| Holmium    | 165-1 | 4621903 | 4786028 | 4701363 | 4703098 | 1.75   | cps   |
| Holmium    | 165-2 | 1622600 | 1634711 | 1591061 | 1616124 | 1.39   | cps   |
| Indium     | 115-1 | 4531689 | 4543638 | 4587588 | 4554305 | 0.65   | cps   |
| Indium     | 115-2 | 322115  | 327828  | 324914  | 324952  | 0.88   | cps   |
| Iron       | 56-2  | 14369   | 13551   | 14124   | 14015   | 2.99   | cps   |
| Iron       | 57-2  | 389     | 317     | 383     | 363     | 11.07  | cps   |
| Lead       | 206-1 | 1261    | 1183    | 1061    | 1169    | 8.63   | cps   |
| Lead       | 207-1 | 1106    | 911     | 1089    | 1035    | 10.41  | cps   |
| Lead       | 208-1 | 4845    | 4623    | 4600    | 4689    | 2.88   | cps   |
| Lithium    | 6-1   | 560629  | 563687  | 560669  | 561662  | 0.31   | cps   |
| Magnesium  | 24-2  | 975     | 1067    | 1125    | 1056    | 7.16   | cps   |
| Manganese  | 55-2  | 307     | 267     | 253     | 276     | 10.07  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1542    | 1742    | 1517    | 1600    | 7.71   | cps   |
| Molybdenum | 95-1  | 717     | 642     | 808     | 722     | 11.56  | cps   |
| Molybdenum | 96-1  | 1025    | 1050    | 917     | 997     | 7.11   | cps   |
| Molybdenum | 97-1  | 408     | 600     | 483     | 497     | 19.43  | cps   |
| Molybdenum | 98-1  | 1275    | 1317    | 1200    | 1264    | 4.68   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 237     | 343     | 253     | 278     | 20.66  | cps   |
| Phosphorus | 31-2  | 17      | 42      | 8       | 22      | 78.07  | cps   |
| Potassium  | 39-2  | 4468    | 4734    | 4418    | 4540    | 3.75   | cps   |
| Rhodium    | 103-1 | 4464338 | 4451703 | 4522644 | 4479562 | 0.84   | cps   |
| Rhodium    | 103-2 | 1726041 | 1744748 | 1734543 | 1735111 | 0.54   | cps   |
| Scandium   | 45-1  | 3213946 | 3263963 | 3262898 | 3246936 | 0.88   | cps   |
| Scandium   | 45-2  | 38683   | 39378   | 39115   | 39059   | 0.90   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 15      | 9       | 9       | 11      | 28.88  | cps   |
| Selenium   | 82-1  | 138     | 172     | 77      | 129     | 37.32  | cps   |
| Silicon    | 28-1  | 404339  | 394098  | 395644  | 398027  | 1.39   | cps   |
| Silver     | 109-1 | 1859    | 1750    | 1859    | 1822    | 3.43   | cps   |
| Silver     | 107-1 | 2100    | 2242    | 2075    | 2139    | 4.20   | cps   |
| Sodium     | 23-2  | 10838   | 11313   | 10905   | 11019   | 2.34   | cps   |
| Strontium  | 86-1  | 1617    | 1709    | 1834    | 1720    | 6.32   | cps   |
| Strontium  | 88-1  | 4801    | 4584    | 4318    | 4568    | 5.30   | cps   |
| Sulfur     | 34-1  | 346820  | 344694  | 345993  | 345836  | 0.31   | cps   |
| Terbium    | 159-1 | 4997888 | 5031275 | 4996701 | 5008621 | 0.39   | cps   |
| Terbium    | 159-2 | 1591400 | 1637977 | 1603667 | 1611015 | 1.50   | cps   |
| Thallium   | 203-1 | 983     | 1042    | 1275    | 1100    | 14.03  | cps   |
| Thallium   | 205-1 | 2475    | 2609    | 2367    | 2484    | 4.87   | cps   |
| Tin        | 118-1 | 1825    | 1800    | 1592    | 1739    | 7.37   | cps   |
| Titanium   | 47-1  | 450     | 358     | 417     | 408     | 11.36  | cps   |
| Uranium    | 238-1 | 2559    | 3109    | 2575    | 2748    | 11.39  | cps   |
| Vanadium   | 51-2  | 183     | 257     | 200     | 213     | 18.02  | cps   |
| Yttrium    | 89-1  | 5042184 | 5015290 | 5037769 | 5031747 | 0.29   | cps   |
| Yttrium    | 89-2  | 251038  | 253559  | 249488  | 251362  | 0.82   | cps   |
| Zinc       | 66-2  | 187     | 217     | 190     | 198     | 8.31   | cps   |
| Zirconium  | 90-1  | 2925    | 3134    | 2700    | 2920    | 7.42   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#3         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#3         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:51:31 | DataFile Name :   | 032SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 667  | 642  | 550  | 619     | 9.92   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#4 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#4 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:54:41 DataFile Name : 033SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 108     | 83      | 83      | 30.00  | cps   |
| Antimony   | 121-1 | 1859    | 2009    | 1984    | 1950    | 4.12   | cps   |
| Arsenic    | 75-2  | 39      | 28      | 44      | 37      | 22.90  | cps   |
| Barium     | 135-1 | 1884    | 1659    | 1892    | 1811    | 7.31   | cps   |
| Barium     | 137-1 | 3326    | 3376    | 2984    | 3228    | 6.60   | cps   |
| Beryllium  | 9-1   | 350     | 400     | 261     | 337     | 20.87  | cps   |
| Bismuth    | 209-1 | 2713614 | 2726537 | 2763146 | 2734432 | 0.94   | cps   |
| Bismuth    | 209-2 | 1228452 | 1228568 | 1222246 | 1226422 | 0.29   | cps   |
| Boron      | 10-1  | 500     | 508     | 583     | 531     | 8.65   | cps   |
| Boron      | 11-1  | 2534    | 2634    | 2425    | 2531    | 4.12   | cps   |
| Cadmium    | 111-1 | 1259    | 1301    | 1143    | 1234    | 6.60   | cps   |
| Cadmium    | 106-1 | 1133    | 1367    | 1142    | 1214    | 10.91  | cps   |
| Cadmium    | 108-1 | 25      | 63      | 50      | 46      | 41.66  | cps   |
| Calcium    | 43-1  | 3601    | 3284    | 3409    | 3431    | 4.65   | cps   |
| Calcium    | 44-1  | 59225   | 61142   | 60682   | 60350   | 1.66   | cps   |
| Chromium   | 52-2  | 1483    | 1387    | 1273    | 1381    | 7.61   | cps   |
| Cobalt     | 59-2  | 627     | 707     | 687     | 673     | 6.18   | cps   |
| Copper     | 63-2  | 1413    | 1397    | 1197    | 1336    | 9.03   | cps   |
| Dysprosium | 156-1 | 42      | 8       | 17      | 22      | 78.07  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 50      | 50      | 42      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 13      | 13      | 0       | 9       | 86.60  | cps   |
| Holmium    | 165-1 | 4646959 | 4691956 | 4723467 | 4687461 | 0.82   | cps   |
| Holmium    | 165-2 | 1643813 | 1657461 | 1620256 | 1640510 | 1.15   | cps   |
| Indium     | 115-1 | 4526295 | 4630325 | 4654304 | 4603641 | 1.48   | cps   |
| Indium     | 115-2 | 330562  | 328481  | 325648  | 328230  | 0.75   | cps   |
| Iron       | 56-2  | 14519   | 14313   | 13985   | 14273   | 1.89   | cps   |
| Iron       | 57-2  | 361     | 383     | 328     | 357     | 7.82   | cps   |
| Lead       | 206-1 | 1228    | 945     | 1083    | 1085    | 13.06  | cps   |
| Lead       | 207-1 | 1133    | 961     | 1133    | 1076    | 9.24   | cps   |
| Lead       | 208-1 | 4745    | 4539    | 4828    | 4704    | 3.16   | cps   |
| Lithium    | 6-1   | 554603  | 573189  | 570383  | 566058  | 1.77   | cps   |
| Magnesium  | 24-2  | 1167    | 1267    | 1258    | 1231    | 4.51   | cps   |
| Manganese  | 55-2  | 257     | 200     | 237     | 231     | 12.43  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#4         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#4         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:54:41 | DataFile Name :   | 033SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1767    | 1634    | 1650    | 1684    | 4.32   | cps   |
| Molybdenum | 95-1  | 925     | 942     | 908     | 925     | 1.80   | cps   |
| Molybdenum | 96-1  | 1150    | 1083    | 1117    | 1117    | 2.98   | cps   |
| Molybdenum | 97-1  | 525     | 567     | 508     | 533     | 5.63   | cps   |
| Molybdenum | 98-1  | 1433    | 1367    | 1292    | 1364    | 5.20   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 290     | 287     | 300     | 292     | 2.37   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Potassium  | 39-2  | 4976    | 4626    | 4859    | 4820    | 3.70   | cps   |
| Rhodium    | 103-1 | 4428481 | 4623668 | 4532971 | 4528373 | 2.16   | cps   |
| Rhodium    | 103-2 | 1750231 | 1754962 | 1733837 | 1746343 | 0.63   | cps   |
| Scandium   | 45-1  | 3227555 | 3251740 | 3236169 | 3238488 | 0.38   | cps   |
| Scandium   | 45-2  | 39405   | 38998   | 39572   | 39325   | 0.75   | cps   |
| Selenium   | 77-2  | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Selenium   | 78-2  | 7       | 17      | 7       | 10      | 50.93  | cps   |
| Selenium   | 82-1  | 205     | 104     | 219     | 176     | 35.58  | cps   |
| Silicon    | 28-1  | 407866  | 407648  | 404818  | 406777  | 0.42   | cps   |
| Silver     | 109-1 | 1892    | 2075    | 2125    | 2031    | 6.05   | cps   |
| Silver     | 107-1 | 1800    | 2217    | 2167    | 2061    | 11.04  | cps   |
| Sodium     | 23-2  | 11305   | 10788   | 10638   | 10910   | 3.21   | cps   |
| Strontium  | 86-1  | 1425    | 1809    | 1625    | 1620    | 11.84  | cps   |
| Strontium  | 88-1  | 5035    | 5118    | 4743    | 4965    | 3.97   | cps   |
| Sulfur     | 34-1  | 352259  | 349756  | 352320  | 351445  | 0.42   | cps   |
| Terbium    | 159-1 | 5004989 | 4992374 | 5078398 | 5025254 | 0.92   | cps   |
| Terbium    | 159-2 | 1621053 | 1621131 | 1642111 | 1628098 | 0.75   | cps   |
| Thallium   | 203-1 | 1058    | 1025    | 1142    | 1075    | 5.59   | cps   |
| Thallium   | 205-1 | 2342    | 2492    | 2575    | 2470    | 4.79   | cps   |
| Tin        | 118-1 | 1917    | 1759    | 1934    | 1870    | 5.17   | cps   |
| Titanium   | 47-1  | 408     | 383     | 450     | 414     | 8.14   | cps   |
| Uranium    | 238-1 | 3009    | 3059    | 3384    | 3151    | 6.47   | cps   |
| Vanadium   | 51-2  | 240     | 253     | 247     | 247     | 2.70   | cps   |
| Yttrium    | 89-1  | 4981630 | 5077672 | 5034779 | 5031361 | 0.96   | cps   |
| Yttrium    | 89-2  | 249125  | 247367  | 251580  | 249357  | 0.85   | cps   |
| Zinc       | 66-2  | 450     | 410     | 420     | 427     | 4.88   | cps   |
| Zirconium  | 90-1  | 2934    | 2984    | 2825    | 2914    | 2.78   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#4         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#4         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:54:41 | DataFile Name :   | 033SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 575  | 800  | 683  | 686     | 16.40  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#5 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#5 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 15:57:52 DataFile Name : 034SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 75      | 75      | 69      | 13.85  | cps   |
| Antimony   | 121-1 | 1825    | 1900    | 1717    | 1814    | 5.08   | cps   |
| Arsenic    | 75-2  | 46      | 39      | 37      | 41      | 12.03  | cps   |
| Barium     | 135-1 | 1575    | 1609    | 1817    | 1667    | 7.86   | cps   |
| Barium     | 137-1 | 2950    | 2909    | 2784    | 2881    | 3.01   | cps   |
| Beryllium  | 9-1   | 400     | 339     | 228     | 322     | 27.10  | cps   |
| Bismuth    | 209-1 | 2746824 | 2736188 | 2780117 | 2754376 | 0.83   | cps   |
| Bismuth    | 209-2 | 1233228 | 1231847 | 1198599 | 1221225 | 1.61   | cps   |
| Boron      | 10-1  | 408     | 475     | 433     | 439     | 7.67   | cps   |
| Boron      | 11-1  | 2125    | 2150    | 2250    | 2175    | 3.04   | cps   |
| Cadmium    | 111-1 | 1030    | 1072    | 1222    | 1108    | 9.12   | cps   |
| Cadmium    | 106-1 | 1008    | 967     | 1350    | 1108    | 18.98  | cps   |
| Cadmium    | 108-1 | 38      | 25      | 33      | 32      | 19.92  | cps   |
| Calcium    | 43-1  | 3359    | 3342    | 3276    | 3326    | 1.33   | cps   |
| Calcium    | 44-1  | 60557   | 59744   | 60364   | 60222   | 0.70   | cps   |
| Chromium   | 52-2  | 1243    | 1427    | 1377    | 1349    | 7.03   | cps   |
| Cobalt     | 59-2  | 717     | 637     | 623     | 659     | 7.66   | cps   |
| Copper     | 63-2  | 1303    | 1140    | 1407    | 1283    | 10.48  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Erbium     | 164-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 42      | 33      | 75      | 50      | 44.10  | cps   |
| Gadolinium | 160-2 | 13      | 3       | 7       | 8       | 65.47  | cps   |
| Holmium    | 165-1 | 4796990 | 4774424 | 4832986 | 4801467 | 0.62   | cps   |
| Holmium    | 165-2 | 1679488 | 1615814 | 1598303 | 1631202 | 2.62   | cps   |
| Indium     | 115-1 | 4566057 | 4585263 | 4579520 | 4576947 | 0.22   | cps   |
| Indium     | 115-2 | 327432  | 326690  | 321690  | 325271  | 0.96   | cps   |
| Iron       | 56-2  | 14074   | 14714   | 14258   | 14349   | 2.29   | cps   |
| Iron       | 57-2  | 361     | 350     | 350     | 354     | 1.81   | cps   |
| Lead       | 206-1 | 1156    | 1156    | 1150    | 1154    | 0.28   | cps   |
| Lead       | 207-1 | 961     | 978     | 1039    | 993     | 4.13   | cps   |
| Lead       | 208-1 | 4428    | 4306    | 4712    | 4482    | 4.64   | cps   |
| Lithium    | 6-1   | 573987  | 570541  | 570558  | 571695  | 0.35   | cps   |
| Magnesium  | 24-2  | 1033    | 1217    | 1100    | 1117    | 8.31   | cps   |
| Manganese  | 55-2  | 270     | 260     | 170     | 233     | 23.61  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#5         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#5         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:57:52 | DataFile Name :   | 034SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1500    | 1450    | 1400    | 1450    | 3.45   | cps   |
| Molybdenum | 95-1  | 1092    | 983     | 1000    | 1025    | 5.69   | cps   |
| Molybdenum | 96-1  | 967     | 1158    | 1008    | 1045    | 9.65   | cps   |
| Molybdenum | 97-1  | 642     | 517     | 425     | 528     | 20.61  | cps   |
| Molybdenum | 98-1  | 1258    | 1367    | 1217    | 1281    | 6.05   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 297     | 233     | 260     | 263     | 12.08  | cps   |
| Phosphorus | 31-2  | 33      | 33      | 33      | 33      | 0.00   | cps   |
| Potassium  | 39-2  | 4659    | 4959    | 4751    | 4790    | 3.21   | cps   |
| Rhodium    | 103-1 | 4595830 | 4505927 | 4583655 | 4561804 | 1.07   | cps   |
| Rhodium    | 103-2 | 1772503 | 1744720 | 1701945 | 1739723 | 2.04   | cps   |
| Scandium   | 45-1  | 3269956 | 3221173 | 3279246 | 3256792 | 0.96   | cps   |
| Scandium   | 45-2  | 39034   | 39211   | 38814   | 39020   | 0.51   | cps   |
| Selenium   | 77-2  | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Selenium   | 78-2  | 20      | 7       | 13      | 14      | 47.88  | cps   |
| Selenium   | 82-1  | 143     | 204     | 160     | 169     | 18.68  | cps   |
| Silicon    | 28-1  | 411536  | 407437  | 401065  | 406679  | 1.30   | cps   |
| Silver     | 109-1 | 1950    | 1792    | 1834    | 1859    | 4.42   | cps   |
| Silver     | 107-1 | 2009    | 1809    | 2025    | 1947    | 6.19   | cps   |
| Sodium     | 23-2  | 10646   | 10629   | 10638   | 10638   | 0.08   | cps   |
| Strontium  | 86-1  | 1609    | 1734    | 1700    | 1681    | 3.85   | cps   |
| Strontium  | 88-1  | 4526    | 4559    | 4351    | 4479    | 2.50   | cps   |
| Sulfur     | 34-1  | 352529  | 350588  | 352068  | 351728  | 0.29   | cps   |
| Terbium    | 159-1 | 5100922 | 4981167 | 5080683 | 5054257 | 1.27   | cps   |
| Terbium    | 159-2 | 1654844 | 1578342 | 1600191 | 1611126 | 2.45   | cps   |
| Thallium   | 203-1 | 1117    | 1192    | 1192    | 1167    | 3.71   | cps   |
| Thallium   | 205-1 | 2759    | 2817    | 2484    | 2687    | 6.63   | cps   |
| Tin        | 118-1 | 1634    | 1934    | 1717    | 1761    | 8.79   | cps   |
| Titanium   | 47-1  | 367     | 508     | 375     | 417     | 19.08  | cps   |
| Uranium    | 238-1 | 2825    | 2842    | 3126    | 2931    | 5.75   | cps   |
| Vanadium   | 51-2  | 207     | 237     | 157     | 200     | 20.21  | cps   |
| Yttrium    | 89-1  | 5124577 | 5087122 | 5002398 | 5071366 | 1.23   | cps   |
| Yttrium    | 89-2  | 251513  | 249552  | 243960  | 248342  | 1.58   | cps   |
| Zinc       | 66-2  | 180     | 183     | 240     | 201     | 16.77  | cps   |
| Zirconium  | 90-1  | 3034    | 2934    | 3100    | 3023    | 2.78   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#5         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#5         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 15:57:52 | DataFile Name :   | 034SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 642  | 500  | 575  | 572     | 12.39  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 92      | 42      | 64      | 39.85  | cps   |
| Antimony   | 121-1 | 1867    | 1925    | 1792    | 1861    | 3.59   | cps   |
| Arsenic    | 75-2  | 33      | 30      | 48      | 37      | 26.46  | cps   |
| Barium     | 135-1 | 1800    | 1900    | 1575    | 1759    | 9.47   | cps   |
| Barium     | 137-1 | 2959    | 2925    | 3042    | 2975    | 2.02   | cps   |
| Beryllium  | 9-1   | 339     | 356     | 294     | 330     | 9.58   | cps   |
| Bismuth    | 209-1 | 2750839 | 2782917 | 2765995 | 2766584 | 0.58   | cps   |
| Bismuth    | 209-2 | 1211050 | 1221137 | 1212512 | 1214899 | 0.45   | cps   |
| Boron      | 10-1  | 408     | 558     | 292     | 419     | 31.87  | cps   |
| Boron      | 11-1  | 2067    | 2075    | 1900    | 2014    | 4.90   | cps   |
| Cadmium    | 111-1 | 1093    | 1218    | 1184    | 1165    | 5.55   | cps   |
| Cadmium    | 106-1 | 975     | 1058    | 1258    | 1097    | 13.27  | cps   |
| Cadmium    | 108-1 | 33      | 33      | 38      | 35      | 6.93   | cps   |
| Calcium    | 43-1  | 3867    | 3517    | 3659    | 3681    | 4.78   | cps   |
| Calcium    | 44-1  | 61511   | 59351   | 59979   | 60280   | 1.84   | cps   |
| Chromium   | 52-2  | 1390    | 1410    | 1383    | 1395    | 1.00   | cps   |
| Cobalt     | 59-2  | 693     | 620     | 693     | 669     | 6.33   | cps   |
| Copper     | 63-2  | 1397    | 1253    | 1303    | 1318    | 5.52   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 17      | 25      | 33.34  | cps   |
| Gadolinium | 160-2 | 0       | 17      | 20      | 12      | 87.67  | cps   |
| Holmium    | 165-1 | 4723693 | 4829335 | 4733336 | 4762121 | 1.23   | cps   |
| Holmium    | 165-2 | 1621177 | 1615148 | 1593256 | 1609860 | 0.91   | cps   |
| Indium     | 115-1 | 4564578 | 4579889 | 4619113 | 4587860 | 0.61   | cps   |
| Indium     | 115-2 | 320832  | 328202  | 326719  | 325251  | 1.20   | cps   |
| Iron       | 56-2  | 13813   | 14146   | 13974   | 13978   | 1.19   | cps   |
| Iron       | 57-2  | 417     | 406     | 417     | 413     | 1.55   | cps   |
| Lead       | 206-1 | 1083    | 1061    | 1022    | 1056    | 2.93   | cps   |
| Lead       | 207-1 | 1133    | 1022    | 900     | 1019    | 11.46  | cps   |
| Lead       | 208-1 | 4567    | 4395    | 4423    | 4462    | 2.07   | cps   |
| Lithium    | 6-1   | 561688  | 566430  | 560857  | 562992  | 0.53   | cps   |
| Magnesium  | 24-2  | 992     | 1150    | 1183    | 1108    | 9.24   | cps   |
| Manganese  | 55-2  | 260     | 240     | 270     | 257     | 5.95   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1342    | 1434    | 1333    | 1370    | 4.05   | cps   |
| Molybdenum | 95-1  | 742     | 875     | 792     | 803     | 8.39   | cps   |
| Molybdenum | 96-1  | 1292    | 1258    | 933     | 1161    | 17.05  | cps   |
| Molybdenum | 97-1  | 458     | 450     | 475     | 461     | 2.76   | cps   |
| Molybdenum | 98-1  | 1200    | 1142    | 1133    | 1158    | 3.14   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 0       | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 317     | 273     | 237     | 276     | 14.53  | cps   |
| Phosphorus | 31-2  | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Potassium  | 39-2  | 4751    | 4468    | 4934    | 4718    | 4.99   | cps   |
| Rhodium    | 103-1 | 4474257 | 4560297 | 4500905 | 4511820 | 0.98   | cps   |
| Rhodium    | 103-2 | 1711041 | 1763303 | 1725093 | 1733146 | 1.56   | cps   |
| Scandium   | 45-1  | 3217758 | 3268392 | 3235544 | 3240565 | 0.79   | cps   |
| Scandium   | 45-2  | 38332   | 39028   | 39743   | 39034   | 1.81   | cps   |
| Selenium   | 77-2  | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 19      | 7       | 15      | 14      | 41.65  | cps   |
| Selenium   | 82-1  | 134     | 152     | 87      | 124     | 27.12  | cps   |
| Silicon    | 28-1  | 404724  | 402539  | 404419  | 403894  | 0.29   | cps   |
| Silver     | 109-1 | 1667    | 1725    | 1725    | 1706    | 1.97   | cps   |
| Silver     | 107-1 | 1967    | 1850    | 2092    | 1970    | 6.14   | cps   |
| Sodium     | 23-2  | 10604   | 11105   | 10638   | 10782   | 2.60   | cps   |
| Strontium  | 86-1  | 1759    | 1717    | 1584    | 1686    | 5.42   | cps   |
| Strontium  | 88-1  | 4493    | 4601    | 4801    | 4632    | 3.38   | cps   |
| Sulfur     | 34-1  | 348318  | 348855  | 349691  | 348955  | 0.20   | cps   |
| Terbium    | 159-1 | 5014210 | 5064351 | 5017671 | 5032077 | 0.56   | cps   |
| Terbium    | 159-2 | 1571543 | 1616228 | 1574427 | 1587399 | 1.58   | cps   |
| Thallium   | 203-1 | 975     | 967     | 1083    | 1008    | 6.45   | cps   |
| Thallium   | 205-1 | 2784    | 2625    | 2484    | 2631    | 5.71   | cps   |
| Tin        | 118-1 | 1825    | 1442    | 1600    | 1622    | 11.88  | cps   |
| Titanium   | 47-1  | 350     | 408     | 375     | 378     | 7.75   | cps   |
| Uranium    | 238-1 | 2934    | 2942    | 2942    | 2939    | 0.16   | cps   |
| Vanadium   | 51-2  | 193     | 237     | 223     | 218     | 10.19  | cps   |
| Yttrium    | 89-1  | 5049116 | 5027001 | 4995033 | 5023717 | 0.54   | cps   |
| Yttrium    | 89-2  | 247990  | 251939  | 249345  | 249758  | 0.80   | cps   |
| Zinc       | 66-2  | 197     | 167     | 170     | 178     | 9.25   | cps   |
| Zirconium  | 90-1  | 2750    | 2925    | 2976    | 2884    | 4.10   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#6         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#6         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:01:02 | DataFile Name :   | 035SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 583  | 550  | 658  | 597     | 9.29   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 75      | 58      | 61      | 20.83  | cps   |
| Antimony   | 121-1 | 2000    | 1900    | 1792    | 1897    | 5.49   | cps   |
| Arsenic    | 75-2  | 56      | 37      | 33      | 42      | 28.37  | cps   |
| Barium     | 135-1 | 1767    | 1892    | 1567    | 1742    | 9.41   | cps   |
| Barium     | 137-1 | 2750    | 3076    | 3142    | 2989    | 7.01   | cps   |
| Beryllium  | 9-1   | 333     | 289     | 361     | 328     | 11.11  | cps   |
| Bismuth    | 209-1 | 2724493 | 2703436 | 2705816 | 2711249 | 0.43   | cps   |
| Bismuth    | 209-2 | 1205589 | 1204351 | 1210006 | 1206649 | 0.25   | cps   |
| Boron      | 10-1  | 325     | 275     | 425     | 342     | 22.35  | cps   |
| Boron      | 11-1  | 1659    | 1809    | 1859    | 1775    | 5.86   | cps   |
| Cadmium    | 111-1 | 1261    | 1176    | 1221    | 1219    | 3.49   | cps   |
| Cadmium    | 106-1 | 1283    | 1158    | 1158    | 1200    | 6.01   | cps   |
| Cadmium    | 108-1 | 42      | 50      | 46      | 46      | 9.09   | cps   |
| Calcium    | 43-1  | 3709    | 3392    | 3659    | 3587    | 4.75   | cps   |
| Calcium    | 44-1  | 59594   | 59275   | 61201   | 60024   | 1.72   | cps   |
| Chromium   | 52-2  | 1343    | 1353    | 1360    | 1352    | 0.62   | cps   |
| Cobalt     | 59-2  | 650     | 670     | 697     | 672     | 3.48   | cps   |
| Copper     | 63-2  | 1320    | 1300    | 1297    | 1306    | 0.97   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Erbium     | 164-2 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 33      | 83      | 47      | 66.82  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4732739 | 4719783 | 4680036 | 4710853 | 0.58   | cps   |
| Holmium    | 165-2 | 1593444 | 1591063 | 1587833 | 1590780 | 0.18   | cps   |
| Indium     | 115-1 | 4526214 | 4552970 | 4533789 | 4537657 | 0.30   | cps   |
| Indium     | 115-2 | 322399  | 327501  | 325981  | 325294  | 0.81   | cps   |
| Iron       | 56-2  | 14080   | 14541   | 14458   | 14360   | 1.71   | cps   |
| Iron       | 57-2  | 328     | 367     | 306     | 333     | 9.28   | cps   |
| Lead       | 206-1 | 1133    | 1172    | 1045    | 1117    | 5.87   | cps   |
| Lead       | 207-1 | 1100    | 1039    | 967     | 1035    | 6.45   | cps   |
| Lead       | 208-1 | 4650    | 4539    | 4395    | 4528    | 2.83   | cps   |
| Lithium    | 6-1   | 553980  | 559101  | 550732  | 554604  | 0.76   | cps   |
| Magnesium  | 24-2  | 1092    | 1117    | 1042    | 1083    | 3.53   | cps   |
| Manganese  | 55-2  | 237     | 247     | 243     | 242     | 2.10   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1517    | 1634    | 1517    | 1556    | 4.33   | cps   |
| Molybdenum | 95-1  | 750     | 808     | 675     | 744     | 8.98   | cps   |
| Molybdenum | 96-1  | 1150    | 1092    | 942     | 1061    | 10.13  | cps   |
| Molybdenum | 97-1  | 558     | 542     | 583     | 561     | 3.74   | cps   |
| Molybdenum | 98-1  | 1350    | 1317    | 1250    | 1306    | 3.90   | cps   |
| Neodymium  | 150-1 | 20      | 13      | 7       | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 223     | 297     | 250     | 257     | 14.46  | cps   |
| Phosphorus | 31-2  | 33      | 33      | 8       | 25      | 57.75  | cps   |
| Potassium  | 39-2  | 4618    | 4668    | 4534    | 4607    | 1.46   | cps   |
| Rhodium    | 103-1 | 4453865 | 4488876 | 4445010 | 4462583 | 0.52   | cps   |
| Rhodium    | 103-2 | 1719964 | 1740353 | 1736186 | 1732167 | 0.62   | cps   |
| Scandium   | 45-1  | 3271029 | 3245603 | 3249136 | 3255256 | 0.42   | cps   |
| Scandium   | 45-2  | 38951   | 39726   | 39713   | 39463   | 1.12   | cps   |
| Selenium   | 77-2  | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Selenium   | 78-2  | 19      | 17      | 11      | 15      | 24.99  | cps   |
| Selenium   | 82-1  | 233     | 137     | 189     | 187     | 25.81  | cps   |
| Silicon    | 28-1  | 391804  | 399874  | 399677  | 397119  | 1.16   | cps   |
| Silver     | 109-1 | 2025    | 1692    | 1767    | 1828    | 9.57   | cps   |
| Silver     | 107-1 | 1817    | 2000    | 1892    | 1903    | 4.84   | cps   |
| Sodium     | 23-2  | 10446   | 10337   | 10304   | 10363   | 0.72   | cps   |
| Strontium  | 86-1  | 1875    | 1642    | 1734    | 1750    | 6.72   | cps   |
| Strontium  | 88-1  | 5035    | 4918    | 4801    | 4918    | 2.37   | cps   |
| Sulfur     | 34-1  | 349794  | 350304  | 347791  | 349296  | 0.38   | cps   |
| Terbium    | 159-1 | 4954427 | 4999386 | 4959697 | 4971170 | 0.49   | cps   |
| Terbium    | 159-2 | 1625156 | 1571994 | 1608713 | 1601954 | 1.70   | cps   |
| Thallium   | 203-1 | 1242    | 1308    | 1050    | 1200    | 11.18  | cps   |
| Thallium   | 205-1 | 2300    | 2842    | 2809    | 2650    | 11.46  | cps   |
| Tin        | 118-1 | 1742    | 1742    | 2000    | 1828    | 8.16   | cps   |
| Titanium   | 47-1  | 358     | 408     | 292     | 353     | 16.59  | cps   |
| Uranium    | 238-1 | 3301    | 3001    | 2809    | 3037    | 8.16   | cps   |
| Vanadium   | 51-2  | 173     | 237     | 283     | 231     | 23.89  | cps   |
| Yttrium    | 89-1  | 5006174 | 5051191 | 5002644 | 5020003 | 0.54   | cps   |
| Yttrium    | 89-2  | 250838  | 250092  | 250533  | 250488  | 0.15   | cps   |
| Zinc       | 66-2  | 157     | 183     | 143     | 161     | 12.64  | cps   |
| Zirconium  | 90-1  | 2909    | 2859    | 2909    | 2892    | 1.00   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#7         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#7         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:04:13 | DataFile Name :   | 036SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 842  | 658  | 650  | 717     | 15.12  | cps   |



LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCV08 Instrumnet Name : P8  
 Client Sample ID : CCV08 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:07:48 DataFile Name : 037CCV\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 404311   | 403299   | 405233   | 404281   | 0.24   | cps   |
| Antimony   | 121-1 | 3718208  | 3792099  | 3706502  | 3738936  | 1.24   | cps   |
| Arsenic    | 75-2  | 74818    | 74047    | 75367    | 74744    | 0.89   | cps   |
| Barium     | 135-1 | 3678634  | 3697117  | 3656120  | 3677290  | 0.56   | cps   |
| Barium     | 137-1 | 6367554  | 6305103  | 6288223  | 6320294  | 0.66   | cps   |
| Beryllium  | 9-1   | 550365   | 549420   | 544050   | 547945   | 0.62   | cps   |
| Bismuth    | 209-1 | 2642621  | 2708953  | 2697739  | 2683104  | 1.32   | cps   |
| Bismuth    | 209-2 | 1223802  | 1203018  | 1219585  | 1215468  | 0.90   | cps   |
| Boron      | 10-1  | 67317    | 69762    | 69435    | 68838    | 1.93   | cps   |
| Boron      | 11-1  | 319386   | 330361   | 328069   | 325939   | 1.78   | cps   |
| Cadmium    | 111-1 | 802972   | 820371   | 808856   | 810733   | 1.09   | cps   |
| Cadmium    | 106-1 | 83257    | 83651    | 83559    | 83489    | 0.25   | cps   |
| Cadmium    | 108-1 | 55686    | 56213    | 56811    | 56237    | 1.00   | cps   |
| Calcium    | 43-1  | 5024573  | 5020785  | 5038754  | 5028038  | 0.19   | cps   |
| Calcium    | 44-1  | 81910469 | 81748958 | 81117577 | 81592334 | 0.51   | cps   |
| Chromium   | 52-2  | 601853   | 596148   | 598984   | 598995   | 0.48   | cps   |
| Cobalt     | 59-2  | 1186376  | 1173739  | 1179638  | 1179918  | 0.54   | cps   |
| Copper     | 63-2  | 2031971  | 2050473  | 2026254  | 2036233  | 0.62   | cps   |
| Dysprosium | 156-1 | 33       | 92       | 100      | 75       | 48.44  | cps   |
| Dysprosium | 156-2 | 13       | 7        | 20       | 13       | 49.99  | cps   |
| Erbium     | 164-1 | 25       | 75       | 58       | 53       | 48.24  | cps   |
| Erbium     | 164-2 | 7        | 17       | 17       | 13       | 43.29  | cps   |
| Gadolinium | 160-1 | 75       | 83       | 83       | 81       | 5.98   | cps   |
| Gadolinium | 160-2 | 17       | 30       | 33       | 27       | 33.06  | cps   |
| Holmium    | 165-1 | 4844837  | 4905404  | 4957668  | 4902636  | 1.15   | cps   |
| Holmium    | 165-2 | 1728296  | 1710393  | 1705150  | 1714613  | 0.71   | cps   |
| Indium     | 115-1 | 4475136  | 4582118  | 4564903  | 4540719  | 1.27   | cps   |
| Indium     | 115-2 | 317077   | 317532   | 315787   | 316799   | 0.29   | cps   |
| Iron       | 56-2  | 95834955 | 95826647 | 95790480 | 95817360 | 0.02   | cps   |
| Iron       | 57-2  | 2435065  | 2428786  | 2418812  | 2427554  | 0.34   | cps   |
| Lead       | 206-1 | 1748139  | 1784960  | 1798300  | 1777133  | 1.46   | cps   |
| Lead       | 207-1 | 1563320  | 1561822  | 1570113  | 1565085  | 0.28   | cps   |
| Lead       | 208-1 | 7144945  | 7207964  | 7187865  | 7180258  | 0.45   | cps   |
| Lithium    | 6-1   | 569792   | 589979   | 596025   | 585265   | 2.35   | cps   |
| Magnesium  | 24-2  | 9921844  | 9874581  | 9866277  | 9887567  | 0.30   | cps   |
| Manganese  | 55-2  | 339584   | 338874   | 341700   | 340053   | 0.43   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV08               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV08               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:07:48 | DataFile Name :   | 037CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2975988  | 2981141  | 2924053  | 2960394  | 1.07   | cps   |
| Molybdenum | 95-1  | 1703046  | 1700566  | 1706182  | 1703265  | 0.17   | cps   |
| Molybdenum | 96-1  | 2156562  | 2177036  | 2160436  | 2164678  | 0.50   | cps   |
| Molybdenum | 97-1  | 1037212  | 1041109  | 1033932  | 1037418  | 0.35   | cps   |
| Molybdenum | 98-1  | 2718809  | 2744540  | 2759701  | 2741017  | 0.75   | cps   |
| Neodymium  | 150-1 | 153      | 100      | 180      | 144      | 28.20  | cps   |
| Neodymium  | 150-2 | 17       | 23       | 3        | 14       | 70.51  | cps   |
| Nickel     | 60-2  | 346190   | 345790   | 343528   | 345169   | 0.42   | cps   |
| Phosphorus | 31-2  | 6643     | 6727     | 6477     | 6616     | 1.92   | cps   |
| Potassium  | 39-2  | 3307230  | 3250590  | 3281548  | 3279789  | 0.86   | cps   |
| Rhodium    | 103-1 | 4180574  | 4338024  | 4315919  | 4278173  | 1.99   | cps   |
| Rhodium    | 103-2 | 1658762  | 1594577  | 1622617  | 1625319  | 1.98   | cps   |
| Scandium   | 45-1  | 3234588  | 3248046  | 3323903  | 3268846  | 1.47   | cps   |
| Scandium   | 45-2  | 38810    | 38199    | 39482    | 38830    | 1.65   | cps   |
| Selenium   | 77-2  | 583      | 573      | 557      | 571      | 2.36   | cps   |
| Selenium   | 78-2  | 1878     | 1887     | 1800     | 1855     | 2.58   | cps   |
| Selenium   | 82-1  | 54364    | 55384    | 54853    | 54867    | 0.93   | cps   |
| Silicon    | 28-1  | 2200065  | 2231431  | 2236610  | 2222702  | 0.89   | cps   |
| Silver     | 109-1 | 3831691  | 3889342  | 3860913  | 3860649  | 0.75   | cps   |
| Silver     | 107-1 | 4053994  | 4075458  | 4032355  | 4053936  | 0.53   | cps   |
| Sodium     | 23-2  | 24281740 | 24280714 | 24295456 | 24285970 | 0.03   | cps   |
| Strontium  | 86-1  | 1063601  | 1076038  | 1074494  | 1071378  | 0.63   | cps   |
| Strontium  | 88-1  | 9272738  | 9284919  | 9244581  | 9267413  | 0.22   | cps   |
| Sulfur     | 34-1  | 655512   | 648754   | 650568   | 651612   | 0.54   | cps   |
| Terbium    | 159-1 | 5054309  | 5326307  | 5244266  | 5208294  | 2.68   | cps   |
| Terbium    | 159-2 | 1678298  | 1660041  | 1669907  | 1669416  | 0.55   | cps   |
| Thallium   | 203-1 | 2233673  | 2249347  | 2237724  | 2240248  | 0.36   | cps   |
| Thallium   | 205-1 | 5247704  | 5277840  | 5249963  | 5258502  | 0.32   | cps   |
| Tin        | 118-1 | 2563449  | 2590751  | 2562689  | 2572296  | 0.62   | cps   |
| Titanium   | 47-1  | 502376   | 502273   | 504940   | 503197   | 0.30   | cps   |
| Uranium    | 238-1 | 6406339  | 6605040  | 6485095  | 6498825  | 1.54   | cps   |
| Vanadium   | 51-2  | 428655   | 428169   | 431804   | 429543   | 0.46   | cps   |
| Yttrium    | 89-1  | 5037720  | 5221564  | 5129642  | 5129642  | 1.79   | cps   |
| Yttrium    | 89-2  | 250493   | 248300   | 250205   | 249666   | 0.48   | cps   |
| Zinc       | 66-2  | 197799   | 196311   | 198502   | 197537   | 0.57   | cps   |
| Zirconium  | 90-1  | 5419963  | 5455662  | 5419963  | 5431863  | 0.38   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV08               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV08               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:07:48 | DataFile Name :   | 037CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1196515 | 1204076 | 1192699 | 1197763 | 0.48   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB08 Instrumnet Name : P8  
 Client Sample ID : CCB08 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:15:49 DataFile Name : 038CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 33      | 50      | 33      | 49.99  | cps   |
| Antimony   | 121-1 | 308     | 317     | 283     | 303     | 5.73   | cps   |
| Arsenic    | 75-2  | 6       | 2       | 4       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 50      | 58      | 33      | 47      | 26.97  | cps   |
| Barium     | 137-1 | 142     | 33      | 92      | 89      | 61.00  | cps   |
| Beryllium  | 9-1   | 72      | 78      | 56      | 69      | 16.88  | cps   |
| Bismuth    | 209-1 | 2607235 | 2803253 | 2748712 | 2719733 | 3.72   | cps   |
| Bismuth    | 209-2 | 1237152 | 1223094 | 1232948 | 1231065 | 0.59   | cps   |
| Boron      | 10-1  | 767     | 767     | 742     | 758     | 1.90   | cps   |
| Boron      | 11-1  | 3159    | 3117    | 3617    | 3298    | 8.42   | cps   |
| Cadmium    | 111-1 | 692     | 752     | 783     | 742     | 6.22   | cps   |
| Cadmium    | 106-1 | 992     | 1050    | 1117    | 1053    | 5.94   | cps   |
| Cadmium    | 108-1 | 21      | 0       | 4       | 8       | 132.26 | cps   |
| Calcium    | 43-1  | 3134    | 3134    | 3150    | 3139    | 0.31   | cps   |
| Calcium    | 44-1  | 53537   | 55460   | 53745   | 54247   | 1.95   | cps   |
| Chromium   | 52-2  | 1070    | 990     | 1113    | 1058    | 5.92   | cps   |
| Cobalt     | 59-2  | 50      | 67      | 87      | 68      | 27.09  | cps   |
| Copper     | 63-2  | 557     | 533     | 443     | 511     | 11.71  | cps   |
| Dysprosium | 156-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Erbium     | 164-2 | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 17      | 50      | 58      | 42      | 52.91  | cps   |
| Gadolinium | 160-2 | 10      | 23      | 10      | 14      | 53.28  | cps   |
| Holmium    | 165-1 | 4527155 | 4710218 | 4653899 | 4630424 | 2.02   | cps   |
| Holmium    | 165-2 | 1632109 | 1658757 | 1610611 | 1633826 | 1.48   | cps   |
| Indium     | 115-1 | 4326805 | 4576929 | 4562793 | 4488842 | 3.13   | cps   |
| Indium     | 115-2 | 326789  | 327887  | 326467  | 327048  | 0.23   | cps   |
| Iron       | 56-2  | 4907    | 4834    | 4868    | 4870    | 0.74   | cps   |
| Iron       | 57-2  | 133     | 56      | 178     | 122     | 50.62  | cps   |
| Lead       | 206-1 | 350     | 478     | 411     | 413     | 15.48  | cps   |
| Lead       | 207-1 | 389     | 361     | 500     | 417     | 17.64  | cps   |
| Lead       | 208-1 | 1667    | 1783    | 1889    | 1780    | 6.25   | cps   |
| Lithium    | 6-1   | 548146  | 577227  | 574958  | 566777  | 2.85   | cps   |
| Magnesium  | 24-2  | 208     | 175     | 142     | 175     | 19.05  | cps   |
| Manganese  | 55-2  | 110     | 100     | 110     | 107     | 5.41   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB08               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB08               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:15:49 | DataFile Name :   | 038CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 350     | 233     | 175     | 253     | 35.25   | cps   |
| Molybdenum | 95-1  | 17      | 58      | 25      | 33      | 66.14   | cps   |
| Molybdenum | 96-1  | 58      | 67      | 83      | 69      | 18.33   | cps   |
| Molybdenum | 97-1  | 108     | 50      | 17      | 58      | 79.54   | cps   |
| Molybdenum | 98-1  | 33      | 33      | 50      | 39      | 24.75   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 120     | 103     | 80      | 101     | 19.87   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 4343    | 4284    | 4359    | 4329    | 0.91    | cps   |
| Rhodium    | 103-1 | 4291037 | 4521276 | 4510573 | 4440962 | 2.93    | cps   |
| Rhodium    | 103-2 | 1763528 | 1724401 | 1729329 | 1739086 | 1.23    | cps   |
| Scandium   | 45-1  | 3106009 | 3249888 | 3241275 | 3199058 | 2.52    | cps   |
| Scandium   | 45-2  | 39201   | 39372   | 38931   | 39168   | 0.57    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 2       | 7       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | -118    | -158    | 34      | -81     | -125.76 | cps   |
| Silicon    | 28-1  | 393787  | 396699  | 398395  | 396294  | 0.59    | cps   |
| Silver     | 109-1 | 175     | 242     | 208     | 208     | 16.00   | cps   |
| Silver     | 107-1 | 233     | 208     | 167     | 203     | 16.61   | cps   |
| Sodium     | 23-2  | 10429   | 10121   | 9195    | 9915    | 6.48    | cps   |
| Strontium  | 86-1  | 1133    | 1242    | 1192    | 1189    | 4.56    | cps   |
| Strontium  | 88-1  | 375     | 367     | 308     | 350     | 10.38   | cps   |
| Sulfur     | 34-1  | 342486  | 339371  | 341546  | 341134  | 0.47    | cps   |
| Terbium    | 159-1 | 4742013 | 5037067 | 4973788 | 4917623 | 3.16    | cps   |
| Terbium    | 159-2 | 1614922 | 1620876 | 1596828 | 1610875 | 0.78    | cps   |
| Thallium   | 203-1 | 183     | 158     | 208     | 183     | 13.64   | cps   |
| Thallium   | 205-1 | 375     | 442     | 483     | 433     | 12.61   | cps   |
| Tin        | 118-1 | 817     | 900     | 725     | 814     | 10.76   | cps   |
| Titanium   | 47-1  | 117     | 108     | 142     | 122     | 14.19   | cps   |
| Uranium    | 238-1 | 75      | 50      | 33      | 53      | 39.74   | cps   |
| Vanadium   | 51-2  | 27      | 13      | 20      | 20      | 33.35   | cps   |
| Yttrium    | 89-1  | 4792810 | 4985091 | 5054613 | 4944172 | 2.74    | cps   |
| Yttrium    | 89-2  | 250666  | 248512  | 251302  | 250160  | 0.58    | cps   |
| Zinc       | 66-2  | 137     | 97      | 100     | 111     | 19.98   | cps   |
| Zirconium  | 90-1  | 583     | 642     | 658     | 628     | 6.27    | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB08               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB08               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:15:49 | DataFile Name :   | 038CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 142  | 125  | 153     | 22.71  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 67      | 92      | 67      | 37.50  | cps   |
| Antimony   | 121-1 | 1867    | 1942    | 1984    | 1931    | 3.06   | cps   |
| Arsenic    | 75-2  | 41      | 41      | 59      | 47      | 22.79  | cps   |
| Barium     | 135-1 | 1734    | 1500    | 1675    | 1636    | 7.42   | cps   |
| Barium     | 137-1 | 3076    | 2800    | 2967    | 2948    | 4.70   | cps   |
| Beryllium  | 9-1   | 289     | 311     | 350     | 317     | 9.77   | cps   |
| Bismuth    | 209-1 | 2748567 | 2759312 | 2752281 | 2753387 | 0.20   | cps   |
| Bismuth    | 209-2 | 1195035 | 1222699 | 1236355 | 1218030 | 1.73   | cps   |
| Boron      | 10-1  | 725     | 592     | 500     | 606     | 18.68  | cps   |
| Boron      | 11-1  | 2634    | 2484    | 2550    | 2556    | 2.94   | cps   |
| Cadmium    | 111-1 | 1081    | 1039    | 999     | 1040    | 3.95   | cps   |
| Cadmium    | 106-1 | 1017    | 1025    | 917     | 986     | 6.11   | cps   |
| Cadmium    | 108-1 | 50      | 29      | 38      | 39      | 26.96  | cps   |
| Calcium    | 43-1  | 3459    | 3692    | 3217    | 3456    | 6.87   | cps   |
| Calcium    | 44-1  | 61628   | 61828   | 61167   | 61541   | 0.55   | cps   |
| Chromium   | 52-2  | 1437    | 1320    | 1417    | 1391    | 4.48   | cps   |
| Cobalt     | 59-2  | 723     | 677     | 640     | 680     | 6.14   | cps   |
| Copper     | 63-2  | 1360    | 1180    | 1347    | 1296    | 7.74   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 42      | 50      | 17      | 36      | 48.03  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 4692835 | 4702648 | 4695054 | 4696845 | 0.11   | cps   |
| Holmium    | 165-2 | 1580102 | 1643692 | 1613196 | 1612330 | 1.97   | cps   |
| Indium     | 115-1 | 4599497 | 4553493 | 4605265 | 4586085 | 0.62   | cps   |
| Indium     | 115-2 | 322184  | 325665  | 331727  | 326525  | 1.48   | cps   |
| Iron       | 56-2  | 14402   | 14530   | 14547   | 14493   | 0.55   | cps   |
| Iron       | 57-2  | 317     | 422     | 389     | 376     | 14.35  | cps   |
| Lead       | 206-1 | 1122    | 1300    | 1033    | 1152    | 11.79  | cps   |
| Lead       | 207-1 | 945     | 1183    | 1045    | 1057    | 11.35  | cps   |
| Lead       | 208-1 | 4484    | 4750    | 4578    | 4604    | 2.94   | cps   |
| Lithium    | 6-1   | 566693  | 576142  | 574310  | 572382  | 0.88   | cps   |
| Magnesium  | 24-2  | 1225    | 1033    | 1167    | 1142    | 8.61   | cps   |
| Manganese  | 55-2  | 267     | 243     | 223     | 244     | 8.87   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1308    | 1375    | 1525    | 1403    | 7.91   | cps   |
| Molybdenum | 95-1  | 825     | 817     | 725     | 789     | 7.03   | cps   |
| Molybdenum | 96-1  | 1117    | 1008    | 942     | 1022    | 8.64   | cps   |
| Molybdenum | 97-1  | 658     | 542     | 492     | 564     | 15.17  | cps   |
| Molybdenum | 98-1  | 1175    | 1325    | 1167    | 1222    | 7.29   | cps   |
| Neodymium  | 150-1 | 20      | 7       | 13      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 247     | 270     | 260     | 259     | 4.52   | cps   |
| Phosphorus | 31-2  | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Potassium  | 39-2  | 4609    | 4618    | 4601    | 4609    | 0.18   | cps   |
| Rhodium    | 103-1 | 4537826 | 4509529 | 4516943 | 4521433 | 0.32   | cps   |
| Rhodium    | 103-2 | 1701468 | 1746772 | 1745311 | 1731184 | 1.49   | cps   |
| Scandium   | 45-1  | 3227987 | 3285695 | 3239178 | 3250954 | 0.94   | cps   |
| Scandium   | 45-2  | 38764   | 39368   | 39800   | 39311   | 1.32   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 13      | 9       | 7       | 10      | 28.61  | cps   |
| Selenium   | 82-1  | 203     | 105     | 92      | 133     | 45.30  | cps   |
| Silicon    | 28-1  | 407539  | 399546  | 399816  | 402300  | 1.13   | cps   |
| Silver     | 109-1 | 1825    | 1842    | 1867    | 1845    | 1.14   | cps   |
| Silver     | 107-1 | 1909    | 2092    | 1942    | 1981    | 4.93   | cps   |
| Sodium     | 23-2  | 11280   | 11447   | 11363   | 11363   | 0.73   | cps   |
| Strontium  | 86-1  | 1709    | 1559    | 1842    | 1703    | 8.32   | cps   |
| Strontium  | 88-1  | 4676    | 4601    | 4401    | 4559    | 3.12   | cps   |
| Sulfur     | 34-1  | 341263  | 337644  | 340976  | 339961  | 0.59   | cps   |
| Terbium    | 159-1 | 4998421 | 5007519 | 4901845 | 4969261 | 1.18   | cps   |
| Terbium    | 159-2 | 1551940 | 1588153 | 1587110 | 1575734 | 1.31   | cps   |
| Thallium   | 203-1 | 1183    | 975     | 817     | 992     | 18.55  | cps   |
| Thallium   | 205-1 | 2717    | 2650    | 2692    | 2687    | 1.25   | cps   |
| Tin        | 118-1 | 2125    | 2075    | 1942    | 2047    | 4.63   | cps   |
| Titanium   | 47-1  | 400     | 267     | 392     | 353     | 21.17  | cps   |
| Uranium    | 238-1 | 2975    | 2617    | 2792    | 2795    | 6.41   | cps   |
| Vanadium   | 51-2  | 227     | 287     | 200     | 238     | 18.67  | cps   |
| Yttrium    | 89-1  | 5002624 | 4992299 | 5014218 | 5003047 | 0.22   | cps   |
| Yttrium    | 89-2  | 245962  | 251968  | 250140  | 249357  | 1.23   | cps   |
| Zinc       | 66-2  | 133     | 150     | 170     | 151     | 12.15  | cps   |
| Zirconium  | 90-1  | 2975    | 2976    | 3017    | 2989    | 0.80   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#1      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#1      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:20:34 | DataFile Name :   | 039SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 633  | 575  | 892  | 700     | 24.08  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 58      | 50      | 50      | 16.67  | cps   |
| Antimony   | 121-1 | 1975    | 1967    | 1684    | 1875    | 8.86   | cps   |
| Arsenic    | 75-2  | 30      | 44      | 52      | 42      | 26.95  | cps   |
| Barium     | 135-1 | 1650    | 1734    | 2034    | 1806    | 11.17  | cps   |
| Barium     | 137-1 | 3034    | 2667    | 3009    | 2903    | 7.06   | cps   |
| Beryllium  | 9-1   | 322     | 300     | 339     | 320     | 6.09   | cps   |
| Bismuth    | 209-1 | 2733976 | 2769711 | 2726020 | 2743236 | 0.85   | cps   |
| Bismuth    | 209-2 | 1221553 | 1217732 | 1219073 | 1219453 | 0.16   | cps   |
| Boron      | 10-1  | 433     | 517     | 592     | 514     | 15.41  | cps   |
| Boron      | 11-1  | 2175    | 2125    | 2509    | 2270    | 9.18   | cps   |
| Cadmium    | 111-1 | 1161    | 1067    | 1168    | 1132    | 4.97   | cps   |
| Cadmium    | 106-1 | 1208    | 958     | 1200    | 1122    | 12.65  | cps   |
| Cadmium    | 108-1 | 21      | 42      | 50      | 38      | 40.07  | cps   |
| Calcium    | 43-1  | 3526    | 3459    | 3234    | 3406    | 4.49   | cps   |
| Calcium    | 44-1  | 61017   | 60991   | 60623   | 60877   | 0.36   | cps   |
| Chromium   | 52-2  | 1423    | 1337    | 1347    | 1369    | 3.46   | cps   |
| Cobalt     | 59-2  | 743     | 670     | 647     | 687     | 7.35   | cps   |
| Copper     | 63-2  | 1303    | 1340    | 1380    | 1341    | 2.86   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 0       | 42      | 42      | 28      | 86.60  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 4687258 | 4670866 | 4718375 | 4692166 | 0.51   | cps   |
| Holmium    | 165-2 | 1616070 | 1600024 | 1598594 | 1604896 | 0.60   | cps   |
| Indium     | 115-1 | 4524673 | 4557523 | 4545641 | 4542612 | 0.37   | cps   |
| Indium     | 115-2 | 327436  | 327599  | 325892  | 326976  | 0.29   | cps   |
| Iron       | 56-2  | 14814   | 14408   | 14502   | 14575   | 1.46   | cps   |
| Iron       | 57-2  | 439     | 244     | 339     | 341     | 28.54  | cps   |
| Lead       | 206-1 | 1311    | 1200    | 1267    | 1259    | 4.44   | cps   |
| Lead       | 207-1 | 1156    | 1039    | 1006    | 1067    | 7.38   | cps   |
| Lead       | 208-1 | 4856    | 4773    | 4717    | 4782    | 1.46   | cps   |
| Lithium    | 6-1   | 565427  | 560949  | 558445  | 561607  | 0.63   | cps   |
| Magnesium  | 24-2  | 1333    | 983     | 1392    | 1236    | 17.87  | cps   |
| Manganese  | 55-2  | 313     | 213     | 240     | 256     | 20.26  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1717    | 1550    | 1567    | 1611    | 5.70   | cps   |
| Molybdenum | 95-1  | 892     | 850     | 850     | 864     | 2.79   | cps   |
| Molybdenum | 96-1  | 1042    | 725     | 917     | 895     | 17.83  | cps   |
| Molybdenum | 97-1  | 758     | 675     | 575     | 669     | 13.71  | cps   |
| Molybdenum | 98-1  | 1300    | 1475    | 1225    | 1333    | 9.62   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 253     | 320     | 247     | 273     | 14.84  | cps   |
| Phosphorus | 31-2  | 17      | 8       | 25      | 17      | 50.01  | cps   |
| Potassium  | 39-2  | 4784    | 4318    | 4518    | 4540    | 5.16   | cps   |
| Rhodium    | 103-1 | 4492102 | 4511367 | 4430433 | 4477968 | 0.94   | cps   |
| Rhodium    | 103-2 | 1736771 | 1741676 | 1696829 | 1725092 | 1.43   | cps   |
| Scandium   | 45-1  | 3280142 | 3257099 | 3260345 | 3265862 | 0.38   | cps   |
| Scandium   | 45-2  | 39713   | 39302   | 38754   | 39256   | 1.23   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 6       | 11      | 7       | 43.24  | cps   |
| Selenium   | 82-1  | 133     | 222     | 290     | 215     | 36.54  | cps   |
| Silicon    | 28-1  | 399853  | 391922  | 393336  | 395037  | 1.07   | cps   |
| Silver     | 109-1 | 1950    | 1834    | 1750    | 1845    | 5.45   | cps   |
| Silver     | 107-1 | 2017    | 1900    | 1975    | 1964    | 3.01   | cps   |
| Sodium     | 23-2  | 11238   | 11013   | 11730   | 11327   | 3.24   | cps   |
| Strontium  | 86-1  | 1634    | 1575    | 1767    | 1659    | 5.93   | cps   |
| Strontium  | 88-1  | 4643    | 4459    | 4759    | 4620    | 3.27   | cps   |
| Sulfur     | 34-1  | 343773  | 343235  | 340692  | 342567  | 0.48   | cps   |
| Terbium    | 159-1 | 4967952 | 4928186 | 5055829 | 4983989 | 1.31   | cps   |
| Terbium    | 159-2 | 1621134 | 1622978 | 1609075 | 1617729 | 0.47   | cps   |
| Thallium   | 203-1 | 1208    | 1342    | 1108    | 1220    | 9.60   | cps   |
| Thallium   | 205-1 | 2567    | 2725    | 2625    | 2639    | 3.03   | cps   |
| Tin        | 118-1 | 1817    | 1975    | 1942    | 1911    | 4.37   | cps   |
| Titanium   | 47-1  | 475     | 475     | 450     | 467     | 3.09   | cps   |
| Uranium    | 238-1 | 2875    | 2867    | 2984    | 2909    | 2.24   | cps   |
| Vanadium   | 51-2  | 290     | 227     | 263     | 260     | 12.23  | cps   |
| Yttrium    | 89-1  | 4983784 | 4940222 | 4981011 | 4968339 | 0.49   | cps   |
| Yttrium    | 89-2  | 253192  | 251300  | 250459  | 251650  | 0.56   | cps   |
| Zinc       | 66-2  | 163     | 140     | 150     | 151     | 7.75   | cps   |
| Zirconium  | 90-1  | 3067    | 3434    | 2984    | 3162    | 7.57   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#2      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#2      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:23:44 | DataFile Name :   | 040SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 658  | 633  | 675  | 656     | 3.20   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 58      | 42      | 50      | 16.67  | cps   |
| Antimony   | 121-1 | 1825    | 1650    | 1825    | 1767    | 5.72   | cps   |
| Arsenic    | 75-2  | 39      | 39      | 48      | 42      | 12.74  | cps   |
| Barium     | 135-1 | 1734    | 1825    | 1700    | 1753    | 3.69   | cps   |
| Barium     | 137-1 | 2659    | 2725    | 2800    | 2728    | 2.60   | cps   |
| Beryllium  | 9-1   | 328     | 256     | 333     | 306     | 14.20  | cps   |
| Bismuth    | 209-1 | 2729241 | 2580122 | 2710431 | 2673265 | 3.04   | cps   |
| Bismuth    | 209-2 | 1227285 | 1219120 | 1207956 | 1218120 | 0.80   | cps   |
| Boron      | 10-1  | 325     | 433     | 475     | 411     | 18.83  | cps   |
| Boron      | 11-1  | 1992    | 2225    | 2075    | 2097    | 5.64   | cps   |
| Cadmium    | 111-1 | 1199    | 1125    | 1276    | 1200    | 6.32   | cps   |
| Cadmium    | 106-1 | 1250    | 1133    | 1292    | 1225    | 6.70   | cps   |
| Cadmium    | 108-1 | 25      | 21      | 46      | 31      | 43.84  | cps   |
| Calcium    | 43-1  | 3184    | 3409    | 3692    | 3428    | 7.43   | cps   |
| Calcium    | 44-1  | 59201   | 59955   | 61376   | 60177   | 1.84   | cps   |
| Chromium   | 52-2  | 1483    | 1413    | 1303    | 1400    | 6.48   | cps   |
| Cobalt     | 59-2  | 640     | 673     | 670     | 661     | 2.78   | cps   |
| Copper     | 63-2  | 1313    | 1400    | 1357    | 1357    | 3.19   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 0       | 50      | 67      | 39      | 89.22  | cps   |
| Gadolinium | 160-2 | 23      | 17      | 7       | 16      | 53.90  | cps   |
| Holmium    | 165-1 | 4608293 | 4427078 | 4629170 | 4554847 | 2.44   | cps   |
| Holmium    | 165-2 | 1654316 | 1607086 | 1620872 | 1627425 | 1.49   | cps   |
| Indium     | 115-1 | 4589559 | 4303530 | 4464260 | 4452449 | 3.22   | cps   |
| Indium     | 115-2 | 330114  | 327360  | 329008  | 328827  | 0.42   | cps   |
| Iron       | 56-2  | 13562   | 13980   | 14013   | 13852   | 1.81   | cps   |
| Iron       | 57-2  | 350     | 311     | 411     | 357     | 14.11  | cps   |
| Lead       | 206-1 | 983     | 1222    | 1078    | 1095    | 10.99  | cps   |
| Lead       | 207-1 | 889     | 1000    | 1189    | 1026    | 14.78  | cps   |
| Lead       | 208-1 | 4212    | 4562    | 4712    | 4495    | 5.71   | cps   |
| Lithium    | 6-1   | 552951  | 530172  | 556786  | 546637  | 2.63   | cps   |
| Magnesium  | 24-2  | 1158    | 1025    | 958     | 1047    | 9.73   | cps   |
| Manganese  | 55-2  | 297     | 277     | 270     | 281     | 4.94   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1517    | 1442    | 1517    | 1492    | 2.90   | cps   |
| Molybdenum | 95-1  | 708     | 700     | 917     | 775     | 15.84  | cps   |
| Molybdenum | 96-1  | 1042    | 1050    | 1008    | 1033    | 2.13   | cps   |
| Molybdenum | 97-1  | 508     | 483     | 467     | 486     | 4.31   | cps   |
| Molybdenum | 98-1  | 1200    | 1158    | 1108    | 1156    | 3.97   | cps   |
| Neodymium  | 150-1 | 20      | 13      | 7       | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 323     | 280     | 293     | 299     | 7.42   | cps   |
| Phosphorus | 31-2  | 33      | 8       | 25      | 22      | 57.30  | cps   |
| Potassium  | 39-2  | 4951    | 4734    | 4543    | 4743    | 4.31   | cps   |
| Rhodium    | 103-1 | 4484647 | 4300643 | 4445438 | 4410243 | 2.20   | cps   |
| Rhodium    | 103-2 | 1770267 | 1746810 | 1760834 | 1759304 | 0.67   | cps   |
| Scandium   | 45-1  | 3267082 | 3140667 | 3243109 | 3216953 | 2.09   | cps   |
| Scandium   | 45-2  | 39389   | 39990   | 39295   | 39558   | 0.95   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 7       | 7       | 7       | 15.72  | cps   |
| Selenium   | 82-1  | 190     | 159     | 198     | 182     | 11.23  | cps   |
| Silicon    | 28-1  | 404774  | 395781  | 399909  | 400155  | 1.12   | cps   |
| Silver     | 109-1 | 1842    | 1584    | 1775    | 1734    | 7.74   | cps   |
| Silver     | 107-1 | 2134    | 1859    | 1809    | 1934    | 9.05   | cps   |
| Sodium     | 23-2  | 10996   | 11597   | 10996   | 11197   | 3.10   | cps   |
| Strontium  | 86-1  | 1709    | 1617    | 1800    | 1709    | 5.37   | cps   |
| Strontium  | 88-1  | 4718    | 4793    | 4551    | 4687    | 2.64   | cps   |
| Sulfur     | 34-1  | 342125  | 338856  | 342109  | 341030  | 0.55   | cps   |
| Terbium    | 159-1 | 4987203 | 4660704 | 4963802 | 4870570 | 3.74   | cps   |
| Terbium    | 159-2 | 1636947 | 1606929 | 1599746 | 1614540 | 1.22   | cps   |
| Thallium   | 203-1 | 1092    | 1167    | 1025    | 1095    | 6.48   | cps   |
| Thallium   | 205-1 | 2334    | 2742    | 2409    | 2495    | 8.71   | cps   |
| Tin        | 118-1 | 1725    | 1784    | 1600    | 1703    | 5.50   | cps   |
| Titanium   | 47-1  | 400     | 400     | 250     | 350     | 24.74  | cps   |
| Uranium    | 238-1 | 2584    | 2542    | 2634    | 2587    | 1.78   | cps   |
| Vanadium   | 51-2  | 187     | 240     | 200     | 209     | 13.29  | cps   |
| Yttrium    | 89-1  | 5020570 | 4811848 | 5010432 | 4947617 | 2.38   | cps   |
| Yttrium    | 89-2  | 253180  | 250850  | 250969  | 251666  | 0.52   | cps   |
| Zinc       | 66-2  | 257     | 263     | 280     | 267     | 4.51   | cps   |
| Zirconium  | 90-1  | 2950    | 2834    | 2642    | 2809    | 5.54   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#3      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#3      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:26:54 | DataFile Name :   | 041SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 533  | 583  | 650  | 589     | 9.94   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 75      | 42      | 56      | 31.22  | cps   |
| Antimony   | 121-1 | 1642    | 1850    | 1984    | 1825    | 9.44   | cps   |
| Arsenic    | 75-2  | 31      | 46      | 44      | 41      | 19.82  | cps   |
| Barium     | 135-1 | 1584    | 1667    | 1817    | 1689    | 7.00   | cps   |
| Barium     | 137-1 | 2834    | 2842    | 3117    | 2931    | 5.50   | cps   |
| Beryllium  | 9-1   | 256     | 306     | 317     | 293     | 11.13  | cps   |
| Bismuth    | 209-1 | 2657440 | 2664531 | 2668870 | 2663614 | 0.22   | cps   |
| Bismuth    | 209-2 | 1210539 | 1205432 | 1145760 | 1187244 | 3.03   | cps   |
| Boron      | 10-1  | 433     | 275     | 383     | 364     | 22.24  | cps   |
| Boron      | 11-1  | 1992    | 1734    | 1817    | 1847    | 7.14   | cps   |
| Cadmium    | 111-1 | 1057    | 1255    | 976     | 1096    | 13.09  | cps   |
| Cadmium    | 106-1 | 1117    | 1183    | 950     | 1083    | 11.09  | cps   |
| Cadmium    | 108-1 | 42      | 33      | 38      | 38      | 11.12  | cps   |
| Calcium    | 43-1  | 3517    | 3242    | 3326    | 3362    | 4.20   | cps   |
| Calcium    | 44-1  | 60280   | 59561   | 58665   | 59502   | 1.36   | cps   |
| Chromium   | 52-2  | 1340    | 1413    | 1357    | 1370    | 2.81   | cps   |
| Cobalt     | 59-2  | 697     | 723     | 700     | 707     | 2.06   | cps   |
| Copper     | 63-2  | 1353    | 1297    | 1240    | 1297    | 4.37   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 20      | 3       | 3       | 9       | 108.30 | cps   |
| Gadolinium | 160-1 | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 4567183 | 4585389 | 4596081 | 4582884 | 0.32   | cps   |
| Holmium    | 165-2 | 1597324 | 1593994 | 1535448 | 1575589 | 2.21   | cps   |
| Indium     | 115-1 | 4532044 | 4417544 | 4495795 | 4481794 | 1.31   | cps   |
| Indium     | 115-2 | 326293  | 328004  | 313480  | 322593  | 2.46   | cps   |
| Iron       | 56-2  | 13618   | 13668   | 13991   | 13759   | 1.47   | cps   |
| Iron       | 57-2  | 339     | 400     | 461     | 400     | 15.28  | cps   |
| Lead       | 206-1 | 1139    | 995     | 1161    | 1098    | 8.24   | cps   |
| Lead       | 207-1 | 950     | 761     | 945     | 885     | 12.14  | cps   |
| Lead       | 208-1 | 4245    | 4023    | 4478    | 4249    | 5.36   | cps   |
| Lithium    | 6-1   | 552602  | 548258  | 547475  | 549445  | 0.50   | cps   |
| Magnesium  | 24-2  | 1175    | 1008    | 1108    | 1097    | 7.65   | cps   |
| Manganese  | 55-2  | 287     | 250     | 210     | 249     | 15.41  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1734    | 1458    | 1492    | 1561    | 9.61   | cps   |
| Molybdenum | 95-1  | 633     | 858     | 842     | 778     | 16.12  | cps   |
| Molybdenum | 96-1  | 1000    | 1050    | 983     | 1011    | 3.43   | cps   |
| Molybdenum | 97-1  | 542     | 533     | 600     | 558     | 6.51   | cps   |
| Molybdenum | 98-1  | 1108    | 1250    | 1300    | 1220    | 8.15   | cps   |
| Neodymium  | 150-1 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 253     | 283     | 217     | 251     | 13.30  | cps   |
| Phosphorus | 31-2  | 33      | 0       | 0       | 11      | 173.21 | cps   |
| Potassium  | 39-2  | 4576    | 4493    | 4651    | 4573    | 1.73   | cps   |
| Rhodium    | 103-1 | 4426434 | 4385555 | 4449688 | 4420559 | 0.73   | cps   |
| Rhodium    | 103-2 | 1719690 | 1756737 | 1628835 | 1701754 | 3.87   | cps   |
| Scandium   | 45-1  | 3272483 | 3234326 | 3266828 | 3257879 | 0.63   | cps   |
| Scandium   | 45-2  | 39328   | 38914   | 37420   | 38554   | 2.60   | cps   |
| Selenium   | 77-2  | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 6       | 9       | 7       | 31.45  | cps   |
| Selenium   | 82-1  | 140     | 176     | 210     | 176     | 20.02  | cps   |
| Silicon    | 28-1  | 401471  | 393381  | 395386  | 396746  | 1.06   | cps   |
| Silver     | 109-1 | 1892    | 1809    | 1742    | 1814    | 4.14   | cps   |
| Silver     | 107-1 | 1817    | 1975    | 2167    | 1986    | 8.83   | cps   |
| Sodium     | 23-2  | 10971   | 10821   | 11038   | 10943   | 1.01   | cps   |
| Strontium  | 86-1  | 1750    | 1742    | 1508    | 1667    | 8.23   | cps   |
| Strontium  | 88-1  | 4793    | 4368    | 4843    | 4668    | 5.59   | cps   |
| Sulfur     | 34-1  | 340829  | 339875  | 341553  | 340752  | 0.25   | cps   |
| Terbium    | 159-1 | 4961783 | 4933900 | 4865973 | 4920552 | 1.00   | cps   |
| Terbium    | 159-2 | 1571695 | 1586695 | 1493538 | 1550643 | 3.23   | cps   |
| Thallium   | 203-1 | 983     | 1000    | 1008    | 997     | 1.28   | cps   |
| Thallium   | 205-1 | 2392    | 2242    | 2875    | 2503    | 13.23  | cps   |
| Tin        | 118-1 | 1650    | 1650    | 1617    | 1639    | 1.17   | cps   |
| Titanium   | 47-1  | 483     | 450     | 525     | 486     | 7.73   | cps   |
| Uranium    | 238-1 | 2792    | 2825    | 2984    | 2867    | 3.57   | cps   |
| Vanadium   | 51-2  | 243     | 210     | 157     | 203     | 21.50  | cps   |
| Yttrium    | 89-1  | 4995112 | 4948836 | 4924862 | 4956270 | 0.72   | cps   |
| Yttrium    | 89-2  | 249276  | 252213  | 237483  | 246324  | 3.17   | cps   |
| Zinc       | 66-2  | 190     | 130     | 150     | 157     | 19.50  | cps   |
| Zirconium  | 90-1  | 2850    | 2700    | 2850    | 2800    | 3.09   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#4      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#4      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:30:05 | DataFile Name :   | 042SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 600  | 542  | 533  | 558     | 6.51   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#5      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#5      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:33:15 | DataFile Name :   | 043SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 58      | 58      | 56      | 8.67   | cps   |
| Antimony   | 121-1 | 1909    | 1759    | 1492    | 1720    | 12.27  | cps   |
| Arsenic    | 75-2  | 41      | 44      | 33      | 40      | 14.32  | cps   |
| Barium     | 135-1 | 1867    | 1634    | 1750    | 1750    | 6.67   | cps   |
| Barium     | 137-1 | 3051    | 3226    | 3267    | 3181    | 3.61   | cps   |
| Beryllium  | 9-1   | 267     | 278     | 311     | 285     | 8.11   | cps   |
| Bismuth    | 209-1 | 2633546 | 2674603 | 2676838 | 2661662 | 0.92   | cps   |
| Bismuth    | 209-2 | 1202090 | 1199095 | 1201654 | 1200946 | 0.13   | cps   |
| Boron      | 10-1  | 467     | 408     | 317     | 397     | 19.04  | cps   |
| Boron      | 11-1  | 1925    | 1834    | 1725    | 1828    | 5.48   | cps   |
| Cadmium    | 111-1 | 1025    | 1289    | 1065    | 1126    | 12.61  | cps   |
| Cadmium    | 106-1 | 1000    | 1300    | 983     | 1095    | 16.28  | cps   |
| Cadmium    | 108-1 | 29      | 54      | 33      | 39      | 34.44  | cps   |
| Calcium    | 43-1  | 3417    | 3859    | 3492    | 3590    | 6.59   | cps   |
| Calcium    | 44-1  | 59510   | 60732   | 59569   | 59937   | 1.15   | cps   |
| Chromium   | 52-2  | 1423    | 1437    | 1393    | 1418    | 1.57   | cps   |
| Cobalt     | 59-2  | 640     | 767     | 693     | 700     | 9.09   | cps   |
| Copper     | 63-2  | 1237    | 1257    | 1337    | 1277    | 4.14   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 17      | 33      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Gadolinium | 160-1 | 67      | 33      | 33      | 44      | 43.31  | cps   |
| Gadolinium | 160-2 | 20      | 3       | 3       | 9       | 108.30 | cps   |
| Holmium    | 165-1 | 4617126 | 4633428 | 4634408 | 4628321 | 0.21   | cps   |
| Holmium    | 165-2 | 1643639 | 1585378 | 1576329 | 1601782 | 2.28   | cps   |
| Indium     | 115-1 | 4536669 | 4516003 | 4473846 | 4508839 | 0.71   | cps   |
| Indium     | 115-2 | 329396  | 325317  | 328206  | 327640  | 0.64   | cps   |
| Iron       | 56-2  | 14869   | 14413   | 14519   | 14601   | 1.63   | cps   |
| Iron       | 57-2  | 383     | 378     | 361     | 374     | 3.09   | cps   |
| Lead       | 206-1 | 1045    | 1367    | 1072    | 1161    | 15.38  | cps   |
| Lead       | 207-1 | 1045    | 978     | 1028    | 1017    | 3.41   | cps   |
| Lead       | 208-1 | 4384    | 4589    | 4400    | 4458    | 2.56   | cps   |
| Lithium    | 6-1   | 551383  | 549611  | 552315  | 551103  | 0.25   | cps   |
| Magnesium  | 24-2  | 1208    | 842     | 1250    | 1100    | 20.43  | cps   |
| Manganese  | 55-2  | 270     | 263     | 297     | 277     | 6.38   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#5      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#5      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:33:15 | DataFile Name :   | 043SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1467    | 1267    | 1709    | 1481    | 14.94  | cps   |
| Molybdenum | 95-1  | 600     | 792     | 875     | 756     | 18.66  | cps   |
| Molybdenum | 96-1  | 992     | 1158    | 1083    | 1078    | 7.75   | cps   |
| Molybdenum | 97-1  | 625     | 625     | 608     | 619     | 1.55   | cps   |
| Molybdenum | 98-1  | 1225    | 1375    | 1350    | 1317    | 6.10   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 40      | 22      | 69.30  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 347     | 300     | 247     | 298     | 16.80  | cps   |
| Phosphorus | 31-2  | 17      | 0       | 33      | 17      | 99.99  | cps   |
| Potassium  | 39-2  | 4384    | 4351    | 4726    | 4487    | 4.63   | cps   |
| Rhodium    | 103-1 | 4427760 | 4453760 | 4440980 | 4440833 | 0.29   | cps   |
| Rhodium    | 103-2 | 1757192 | 1743222 | 1733623 | 1744679 | 0.68   | cps   |
| Scandium   | 45-1  | 3252636 | 3225315 | 3269981 | 3249311 | 0.69   | cps   |
| Scandium   | 45-2  | 39763   | 39529   | 39492   | 39595   | 0.37   | cps   |
| Selenium   | 77-2  | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Selenium   | 78-2  | 11      | 17      | 15      | 14      | 19.94  | cps   |
| Selenium   | 82-1  | 250     | 194     | 148     | 197     | 26.02  | cps   |
| Silicon    | 28-1  | 396480  | 395851  | 402249  | 398193  | 0.89   | cps   |
| Silver     | 109-1 | 1842    | 1709    | 1725    | 1759    | 4.13   | cps   |
| Silver     | 107-1 | 1975    | 1909    | 1967    | 1950    | 1.86   | cps   |
| Sodium     | 23-2  | 10888   | 10930   | 11013   | 10944   | 0.58   | cps   |
| Strontium  | 86-1  | 1859    | 1517    | 1650    | 1675    | 10.28  | cps   |
| Strontium  | 88-1  | 4643    | 5001    | 4793    | 4812    | 3.74   | cps   |
| Sulfur     | 34-1  | 342124  | 344031  | 344781  | 343645  | 0.40   | cps   |
| Terbium    | 159-1 | 4932413 | 4945417 | 4892413 | 4923414 | 0.56   | cps   |
| Terbium    | 159-2 | 1569538 | 1575434 | 1594119 | 1579697 | 0.81   | cps   |
| Thallium   | 203-1 | 1183    | 1142    | 992     | 1106    | 9.12   | cps   |
| Thallium   | 205-1 | 2867    | 2534    | 2700    | 2700    | 6.17   | cps   |
| Tin        | 118-1 | 1700    | 1650    | 1750    | 1700    | 2.94   | cps   |
| Titanium   | 47-1  | 400     | 308     | 367     | 358     | 12.95  | cps   |
| Uranium    | 238-1 | 2650    | 3026    | 3076    | 2917    | 7.96   | cps   |
| Vanadium   | 51-2  | 240     | 273     | 240     | 251     | 7.66   | cps   |
| Yttrium    | 89-1  | 4927104 | 4930772 | 4946810 | 4934896 | 0.21   | cps   |
| Yttrium    | 89-2  | 250510  | 251270  | 251150  | 250977  | 0.16   | cps   |
| Zinc       | 66-2  | 190     | 140     | 233     | 188     | 24.87  | cps   |
| Zirconium  | 90-1  | 3234    | 2784    | 3142    | 3053    | 7.79   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#5      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#5      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:33:15 | DataFile Name :   | 043SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 675  | 650  | 600  | 642     | 5.95   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 58      | 92      | 58      | 57.14  | cps   |
| Antimony   | 121-1 | 1667    | 1842    | 1700    | 1736    | 5.35   | cps   |
| Arsenic    | 75-2  | 39      | 41      | 48      | 43      | 11.50  | cps   |
| Barium     | 135-1 | 1784    | 1717    | 1550    | 1684    | 7.14   | cps   |
| Barium     | 137-1 | 3151    | 2717    | 2925    | 2931    | 7.40   | cps   |
| Beryllium  | 9-1   | 300     | 283     | 278     | 287     | 4.03   | cps   |
| Bismuth    | 209-1 | 2652632 | 2663797 | 2641188 | 2652539 | 0.43   | cps   |
| Bismuth    | 209-2 | 1208000 | 1196331 | 1207569 | 1203967 | 0.55   | cps   |
| Boron      | 10-1  | 358     | 425     | 375     | 386     | 8.98   | cps   |
| Boron      | 11-1  | 1859    | 1800    | 1859    | 1839    | 1.83   | cps   |
| Cadmium    | 111-1 | 1085    | 1212    | 1151    | 1149    | 5.51   | cps   |
| Cadmium    | 106-1 | 975     | 1217    | 967     | 1053    | 13.49  | cps   |
| Cadmium    | 108-1 | 8       | 33      | 25      | 22      | 57.29  | cps   |
| Calcium    | 43-1  | 3592    | 3292    | 3359    | 3414    | 4.61   | cps   |
| Calcium    | 44-1  | 59661   | 59518   | 58950   | 59376   | 0.63   | cps   |
| Chromium   | 52-2  | 1367    | 1457    | 1493    | 1439    | 4.53   | cps   |
| Cobalt     | 59-2  | 640     | 650     | 667     | 652     | 2.06   | cps   |
| Copper     | 63-2  | 1340    | 1430    | 1300    | 1357    | 4.91   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 8       | 25      | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 75      | 117     | 67      | 86      | 31.11  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 13      | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 4522400 | 4567555 | 4576996 | 4555651 | 0.64   | cps   |
| Holmium    | 165-2 | 1605399 | 1583282 | 1577026 | 1588569 | 0.94   | cps   |
| Indium     | 115-1 | 4579083 | 4480329 | 4502305 | 4520572 | 1.15   | cps   |
| Indium     | 115-2 | 324384  | 329579  | 326322  | 326762  | 0.80   | cps   |
| Iron       | 56-2  | 14969   | 14408   | 14447   | 14608   | 2.15   | cps   |
| Iron       | 57-2  | 478     | 411     | 422     | 437     | 8.17   | cps   |
| Lead       | 206-1 | 1222    | 1178    | 1145    | 1182    | 3.30   | cps   |
| Lead       | 207-1 | 995     | 989     | 1011    | 998     | 1.16   | cps   |
| Lead       | 208-1 | 4445    | 4478    | 4339    | 4421    | 1.64   | cps   |
| Lithium    | 6-1   | 543031  | 547072  | 546187  | 545430  | 0.39   | cps   |
| Magnesium  | 24-2  | 1133    | 1092    | 1108    | 1111    | 1.89   | cps   |
| Manganese  | 55-2  | 293     | 223     | 270     | 262     | 13.59  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1492    | 1592    | 1358    | 1481    | 7.91   | cps   |
| Molybdenum | 95-1  | 708     | 817     | 775     | 767     | 7.13   | cps   |
| Molybdenum | 96-1  | 1117    | 1025    | 1117    | 1086    | 4.87   | cps   |
| Molybdenum | 97-1  | 558     | 700     | 575     | 611     | 12.67  | cps   |
| Molybdenum | 98-1  | 1308    | 1317    | 1150    | 1258    | 7.46   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 307     | 300     | 277     | 294     | 5.35   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 4701    | 4426    | 4609    | 4579    | 3.06   | cps   |
| Rhodium    | 103-1 | 4435863 | 4471856 | 4450795 | 4452838 | 0.41   | cps   |
| Rhodium    | 103-2 | 1705993 | 1715714 | 1727832 | 1716513 | 0.64   | cps   |
| Scandium   | 45-1  | 3244698 | 3255205 | 3231173 | 3243692 | 0.37   | cps   |
| Scandium   | 45-2  | 39619   | 39920   | 39395   | 39645   | 0.66   | cps   |
| Selenium   | 77-2  | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Selenium   | 78-2  | 20      | 15      | 13      | 16      | 24.03  | cps   |
| Selenium   | 82-1  | 47      | 250     | 210     | 169     | 63.83  | cps   |
| Silicon    | 28-1  | 387893  | 394437  | 391933  | 391421  | 0.84   | cps   |
| Silver     | 109-1 | 1809    | 1642    | 1767    | 1739    | 4.99   | cps   |
| Silver     | 107-1 | 1934    | 1834    | 1775    | 1847    | 4.33   | cps   |
| Sodium     | 23-2  | 11247   | 10938   | 10721   | 10969   | 2.41   | cps   |
| Strontium  | 86-1  | 1892    | 1817    | 1567    | 1759    | 9.68   | cps   |
| Strontium  | 88-1  | 4709    | 4668    | 4501    | 4626    | 2.38   | cps   |
| Sulfur     | 34-1  | 344612  | 343047  | 341248  | 342969  | 0.49   | cps   |
| Terbium    | 159-1 | 4860957 | 4942810 | 4903720 | 4902496 | 0.84   | cps   |
| Terbium    | 159-2 | 1577613 | 1563907 | 1587366 | 1576295 | 0.75   | cps   |
| Thallium   | 203-1 | 1042    | 983     | 1142    | 1056    | 7.59   | cps   |
| Thallium   | 205-1 | 2367    | 2517    | 2442    | 2442    | 3.07   | cps   |
| Tin        | 118-1 | 1725    | 1734    | 1759    | 1739    | 1.00   | cps   |
| Titanium   | 47-1  | 392     | 458     | 317     | 389     | 18.23  | cps   |
| Uranium    | 238-1 | 3109    | 2892    | 2775    | 2925    | 5.78   | cps   |
| Vanadium   | 51-2  | 193     | 250     | 203     | 216     | 14.03  | cps   |
| Yttrium    | 89-1  | 4937803 | 4976704 | 4974658 | 4963055 | 0.44   | cps   |
| Yttrium    | 89-2  | 252954  | 250419  | 254579  | 252651  | 0.83   | cps   |
| Zinc       | 66-2  | 153     | 150     | 80      | 128     | 32.41  | cps   |
| Zirconium  | 90-1  | 2625    | 3025    | 2967    | 2873    | 7.52   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#6      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#6      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:36:26 | DataFile Name :   | 044SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 708  | 492  | 642  | 614     | 18.08  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 58      | 53      | 9.12   | cps   |
| Antimony   | 121-1 | 1383    | 1867    | 1625    | 1625    | 14.87  | cps   |
| Arsenic    | 75-2  | 39      | 37      | 44      | 40      | 9.60   | cps   |
| Barium     | 135-1 | 1709    | 1559    | 1717    | 1661    | 5.36   | cps   |
| Barium     | 137-1 | 2717    | 2642    | 2900    | 2753    | 4.83   | cps   |
| Beryllium  | 9-1   | 239     | 244     | 306     | 263     | 14.07  | cps   |
| Bismuth    | 209-1 | 2443383 | 2633382 | 2669303 | 2582023 | 4.70   | cps   |
| Bismuth    | 209-2 | 1201751 | 1202905 | 1181045 | 1195234 | 1.03   | cps   |
| Boron      | 10-1  | 417     | 333     | 392     | 381     | 11.24  | cps   |
| Boron      | 11-1  | 1567    | 1800    | 1634    | 1667    | 7.21   | cps   |
| Cadmium    | 111-1 | 1105    | 1117    | 1098    | 1107    | 0.84   | cps   |
| Cadmium    | 106-1 | 950     | 1075    | 1058    | 1028    | 6.60   | cps   |
| Cadmium    | 108-1 | 21      | 33      | 67      | 40      | 58.83  | cps   |
| Calcium    | 43-1  | 3301    | 3242    | 3392    | 3312    | 2.28   | cps   |
| Calcium    | 44-1  | 59217   | 58263   | 60138   | 59206   | 1.58   | cps   |
| Chromium   | 52-2  | 1347    | 1423    | 1410    | 1393    | 2.94   | cps   |
| Cobalt     | 59-2  | 623     | 673     | 670     | 656     | 4.26   | cps   |
| Copper     | 63-2  | 1263    | 1337    | 1200    | 1267    | 5.40   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 67      | 8       | 50      | 42      | 72.12  | cps   |
| Gadolinium | 160-2 | 10      | 0       | 7       | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 4255956 | 4551726 | 4562981 | 4456888 | 3.91   | cps   |
| Holmium    | 165-2 | 1603267 | 1577116 | 1577365 | 1585916 | 0.95   | cps   |
| Indium     | 115-1 | 4133238 | 4433194 | 4463866 | 4343433 | 4.21   | cps   |
| Indium     | 115-2 | 328267  | 330565  | 322218  | 327016  | 1.32   | cps   |
| Iron       | 56-2  | 13891   | 14480   | 13863   | 14078   | 2.48   | cps   |
| Iron       | 57-2  | 389     | 344     | 383     | 372     | 6.51   | cps   |
| Lead       | 206-1 | 939     | 961     | 1206    | 1035    | 14.29  | cps   |
| Lead       | 207-1 | 933     | 822     | 939     | 898     | 7.33   | cps   |
| Lead       | 208-1 | 4178    | 3934    | 4262    | 4124    | 4.13   | cps   |
| Lithium    | 6-1   | 501343  | 541020  | 540724  | 527696  | 4.32   | cps   |
| Magnesium  | 24-2  | 1258    | 1108    | 1167    | 1178    | 6.42   | cps   |
| Manganese  | 55-2  | 247     | 293     | 297     | 279     | 10.02  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1408    | 1367    | 1575    | 1450    | 7.60   | cps   |
| Molybdenum | 95-1  | 750     | 667     | 842     | 753     | 11.63  | cps   |
| Molybdenum | 96-1  | 908     | 1200    | 783     | 964     | 22.18  | cps   |
| Molybdenum | 97-1  | 458     | 500     | 367     | 442     | 15.44  | cps   |
| Molybdenum | 98-1  | 1325    | 1183    | 983     | 1164    | 14.75  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 280     | 203     | 283     | 256     | 17.71  | cps   |
| Phosphorus | 31-2  | 17      | 0       | 8       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 4493    | 4251    | 4301    | 4348    | 2.94   | cps   |
| Rhodium    | 103-1 | 4091329 | 4438296 | 4390149 | 4306591 | 4.36   | cps   |
| Rhodium    | 103-2 | 1744614 | 1760321 | 1708957 | 1737964 | 1.51   | cps   |
| Scandium   | 45-1  | 3011538 | 3191351 | 3232906 | 3145265 | 3.74   | cps   |
| Scandium   | 45-2  | 39068   | 40408   | 39502   | 39659   | 1.72   | cps   |
| Selenium   | 77-2  | 13      | 0       | 3       | 6       | 124.93 | cps   |
| Selenium   | 78-2  | 19      | 11      | 13      | 14      | 27.17  | cps   |
| Selenium   | 82-1  | 226     | 106     | 50      | 127     | 70.67  | cps   |
| Silicon    | 28-1  | 392915  | 396107  | 391022  | 393348  | 0.65   | cps   |
| Silver     | 109-1 | 1684    | 1600    | 1550    | 1611    | 4.18   | cps   |
| Silver     | 107-1 | 1900    | 2117    | 1834    | 1950    | 7.60   | cps   |
| Sodium     | 23-2  | 10321   | 11463   | 10729   | 10838   | 5.34   | cps   |
| Strontium  | 86-1  | 1809    | 1825    | 1500    | 1711    | 10.70  | cps   |
| Strontium  | 88-1  | 4493    | 4376    | 4418    | 4429    | 1.34   | cps   |
| Sulfur     | 34-1  | 344491  | 343963  | 342594  | 343682  | 0.28   | cps   |
| Terbium    | 159-1 | 4523507 | 4856641 | 4799776 | 4726641 | 3.77   | cps   |
| Terbium    | 159-2 | 1566195 | 1579502 | 1547173 | 1564290 | 1.04   | cps   |
| Thallium   | 203-1 | 983     | 1142    | 933     | 1020    | 10.67  | cps   |
| Thallium   | 205-1 | 2175    | 2275    | 2617    | 2356    | 9.83   | cps   |
| Tin        | 118-1 | 1725    | 1900    | 1617    | 1747    | 8.18   | cps   |
| Titanium   | 47-1  | 333     | 350     | 417     | 367     | 12.03  | cps   |
| Uranium    | 238-1 | 2367    | 2742    | 2792    | 2634    | 8.82   | cps   |
| Vanadium   | 51-2  | 167     | 217     | 253     | 212     | 20.50  | cps   |
| Yttrium    | 89-1  | 4554991 | 4948728 | 4951737 | 4818485 | 4.74   | cps   |
| Yttrium    | 89-2  | 254943  | 256846  | 250348  | 254046  | 1.31   | cps   |
| Zinc       | 66-2  | 127     | 133     | 180     | 147     | 19.81  | cps   |
| Zirconium  | 90-1  | 2784    | 2659    | 2984    | 2809    | 5.84   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#7      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#7      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:39:37 | DataFile Name :   | 045SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 533  | 608  | 558  | 567     | 6.74   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#15 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#15 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:42:48 DataFile Name : 046SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 150     | 92      | 122     | 23.95  | cps   |
| Antimony   | 121-1 | 4401    | 4409    | 4384    | 4398    | 0.29   | cps   |
| Arsenic    | 75-2  | 113     | 106     | 102     | 107     | 5.30   | cps   |
| Barium     | 135-1 | 4351    | 4051    | 3992    | 4131    | 4.66   | cps   |
| Barium     | 137-1 | 7377    | 7728    | 7327    | 7477    | 2.92   | cps   |
| Beryllium  | 9-1   | 656     | 644     | 678     | 659     | 2.57   | cps   |
| Bismuth    | 209-1 | 2626919 | 2632164 | 2648179 | 2635754 | 0.42   | cps   |
| Bismuth    | 209-2 | 1202002 | 1151363 | 1189660 | 1181009 | 2.24   | cps   |
| Boron      | 10-1  | 417     | 492     | 433     | 447     | 8.81   | cps   |
| Boron      | 11-1  | 1917    | 1800    | 1800    | 1839    | 3.66   | cps   |
| Cadmium    | 111-1 | 1720    | 1768    | 1727    | 1738    | 1.49   | cps   |
| Cadmium    | 106-1 | 1108    | 1133    | 1067    | 1103    | 3.05   | cps   |
| Cadmium    | 108-1 | 63      | 67      | 100     | 76      | 26.91  | cps   |
| Calcium    | 43-1  | 4159    | 4026    | 3634    | 3940    | 6.93   | cps   |
| Calcium    | 44-1  | 71055   | 71985   | 71398   | 71480   | 0.66   | cps   |
| Chromium   | 52-2  | 1803    | 1830    | 1897    | 1843    | 2.61   | cps   |
| Cobalt     | 59-2  | 1613    | 1610    | 1627    | 1617    | 0.55   | cps   |
| Copper     | 63-2  | 2954    | 3144    | 2890    | 2996    | 4.40   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Erbium     | 164-2 | 3       | 3       | 20      | 9       | 108.30 | cps   |
| Gadolinium | 160-1 | 17      | 58      | 58      | 44      | 54.12  | cps   |
| Gadolinium | 160-2 | 3       | 17      | 10      | 10      | 66.70  | cps   |
| Holmium    | 165-1 | 4606603 | 4562204 | 4632617 | 4600475 | 0.77   | cps   |
| Holmium    | 165-2 | 1636147 | 1543364 | 1632455 | 1603988 | 3.28   | cps   |
| Indium     | 115-1 | 4504558 | 4535903 | 4502393 | 4514284 | 0.42   | cps   |
| Indium     | 115-2 | 325656  | 307969  | 326047  | 319891  | 3.23   | cps   |
| Iron       | 56-2  | 29231   | 29020   | 29432   | 29227   | 0.70   | cps   |
| Iron       | 57-2  | 839     | 678     | 722     | 746     | 11.15  | cps   |
| Lead       | 206-1 | 2434    | 2189    | 2317    | 2313    | 5.29   | cps   |
| Lead       | 207-1 | 1950    | 2034    | 2156    | 2047    | 5.05   | cps   |
| Lead       | 208-1 | 8935    | 9257    | 9324    | 9172    | 2.27   | cps   |
| Lithium    | 6-1   | 540586  | 547146  | 546324  | 544685  | 0.66   | cps   |
| Magnesium  | 24-2  | 2659    | 2750    | 2684    | 2698    | 1.76   | cps   |
| Manganese  | 55-2  | 487     | 517     | 490     | 498     | 3.30   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#15       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#15       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:42:48 | DataFile Name :   | 046SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3567    | 3592    | 3751    | 3637    | 2.73   | cps   |
| Molybdenum | 95-1  | 2075    | 2084    | 2034    | 2064    | 1.30   | cps   |
| Molybdenum | 96-1  | 2675    | 2642    | 2400    | 2573    | 5.84   | cps   |
| Molybdenum | 97-1  | 1167    | 1333    | 1133    | 1211    | 8.85   | cps   |
| Molybdenum | 98-1  | 3034    | 3292    | 3184    | 3170    | 4.09   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 547     | 580     | 547     | 558     | 3.45   | cps   |
| Phosphorus | 31-2  | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Potassium  | 39-2  | 5001    | 5685    | 5135    | 5273    | 6.87   | cps   |
| Rhodium    | 103-1 | 4466593 | 4462364 | 4451985 | 4460314 | 0.17   | cps   |
| Rhodium    | 103-2 | 1748636 | 1652341 | 1741643 | 1714207 | 3.13   | cps   |
| Scandium   | 45-1  | 3257074 | 3309601 | 3287454 | 3284709 | 0.80   | cps   |
| Scandium   | 45-2  | 40094   | 38119   | 38556   | 38923   | 2.66   | cps   |
| Selenium   | 77-2  | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 7       | 6       | 5       | 57.32  | cps   |
| Selenium   | 82-1  | 94      | 41      | 30      | 55      | 62.05  | cps   |
| Silicon    | 28-1  | 394380  | 394816  | 396352  | 395183  | 0.26   | cps   |
| Silver     | 109-1 | 4651    | 4734    | 4684    | 4690    | 0.89   | cps   |
| Silver     | 107-1 | 4509    | 5226    | 5076    | 4937    | 7.66   | cps   |
| Sodium     | 23-2  | 14216   | 14558   | 14825   | 14533   | 2.10   | cps   |
| Strontium  | 86-1  | 2434    | 2350    | 2392    | 2392    | 1.74   | cps   |
| Strontium  | 88-1  | 10821   | 11138   | 11230   | 11063   | 1.94   | cps   |
| Sulfur     | 34-1  | 350378  | 351750  | 348366  | 350165  | 0.49   | cps   |
| Terbium    | 159-1 | 4880286 | 4836625 | 4871321 | 4862744 | 0.47   | cps   |
| Terbium    | 159-2 | 1566765 | 1512671 | 1573607 | 1551014 | 2.15   | cps   |
| Thallium   | 203-1 | 2442    | 2584    | 2534    | 2520    | 2.85   | cps   |
| Thallium   | 205-1 | 6052    | 6085    | 5693    | 5943    | 3.65   | cps   |
| Tin        | 118-1 | 3859    | 3692    | 3659    | 3737    | 2.87   | cps   |
| Titanium   | 47-1  | 658     | 717     | 750     | 708     | 6.55   | cps   |
| Uranium    | 238-1 | 7486    | 7136    | 7127    | 7250    | 2.82   | cps   |
| Vanadium   | 51-2  | 533     | 540     | 510     | 528     | 2.98   | cps   |
| Yttrium    | 89-1  | 4984108 | 5059392 | 5054702 | 5032734 | 0.84   | cps   |
| Yttrium    | 89-2  | 251738  | 239144  | 251746  | 247542  | 2.94   | cps   |
| Zinc       | 66-2  | 303     | 263     | 343     | 303     | 13.19  | cps   |
| Zirconium  | 90-1  | 6552    | 7344    | 6760    | 6885    | 5.96   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#15       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#15       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:42:48 | DataFile Name :   | 046SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1667 | 1542 | 1283 | 1497    | 13.06  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#16 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#16 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:46:00 DataFile Name : 047SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 100     | 142     | 114     | 21.12  | cps   |
| Antimony   | 121-1 | 4359    | 4218    | 4659    | 4412    | 5.11   | cps   |
| Arsenic    | 75-2  | 72      | 102     | 107     | 94      | 20.16  | cps   |
| Barium     | 135-1 | 4343    | 4059    | 4576    | 4326    | 5.98   | cps   |
| Barium     | 137-1 | 7444    | 7261    | 7386    | 7364    | 1.27   | cps   |
| Beryllium  | 9-1   | 750     | 772     | 683     | 735     | 6.29   | cps   |
| Bismuth    | 209-1 | 2669795 | 2672079 | 2689500 | 2677125 | 0.40   | cps   |
| Bismuth    | 209-2 | 1202142 | 1187974 | 1196125 | 1195414 | 0.59   | cps   |
| Boron      | 10-1  | 375     | 400     | 367     | 381     | 4.56   | cps   |
| Boron      | 11-1  | 1934    | 2017    | 2025    | 1992    | 2.54   | cps   |
| Cadmium    | 111-1 | 1730    | 1491    | 1667    | 1629    | 7.61   | cps   |
| Cadmium    | 106-1 | 1208    | 900     | 1108    | 1072    | 14.67  | cps   |
| Cadmium    | 108-1 | 71      | 63      | 54      | 63      | 13.34  | cps   |
| Calcium    | 43-1  | 4284    | 3926    | 4134    | 4115    | 4.37   | cps   |
| Calcium    | 44-1  | 71223   | 72923   | 72170   | 72105   | 1.18   | cps   |
| Chromium   | 52-2  | 1907    | 1810    | 1797    | 1838    | 3.27   | cps   |
| Cobalt     | 59-2  | 1643    | 1700    | 1610    | 1651    | 2.76   | cps   |
| Copper     | 63-2  | 2944    | 2744    | 3054    | 2914    | 5.40   | cps   |
| Dysprosium | 156-1 | 42      | 17      | 17      | 25      | 57.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 17      | 8       | 22      | 78.07  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Gadolinium | 160-2 | 13      | 7       | 17      | 12      | 41.65  | cps   |
| Holmium    | 165-1 | 4671947 | 4600509 | 4624325 | 4632260 | 0.79   | cps   |
| Holmium    | 165-2 | 1588510 | 1580898 | 1640039 | 1603149 | 2.01   | cps   |
| Indium     | 115-1 | 4521822 | 4499134 | 4589723 | 4536893 | 1.04   | cps   |
| Indium     | 115-2 | 323551  | 328125  | 325912  | 325863  | 0.70   | cps   |
| Iron       | 56-2  | 29264   | 29705   | 29214   | 29395   | 0.92   | cps   |
| Iron       | 57-2  | 806     | 728     | 717     | 750     | 6.46   | cps   |
| Lead       | 206-1 | 2384    | 2156    | 2250    | 2263    | 5.06   | cps   |
| Lead       | 207-1 | 2084    | 2011    | 2078    | 2058    | 1.95   | cps   |
| Lead       | 208-1 | 9391    | 9179    | 9574    | 9381    | 2.10   | cps   |
| Lithium    | 6-1   | 544057  | 551391  | 548760  | 548069  | 0.68   | cps   |
| Magnesium  | 24-2  | 2634    | 2825    | 2975    | 2812    | 6.09   | cps   |
| Manganese  | 55-2  | 537     | 570     | 470     | 526     | 9.69   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#16       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#16       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:46:00 | DataFile Name :   | 047SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3217    | 3467    | 3592    | 3426    | 5.58   | cps   |
| Molybdenum | 95-1  | 1942    | 2125    | 1984    | 2017    | 4.77   | cps   |
| Molybdenum | 96-1  | 2592    | 2492    | 2684    | 2589    | 3.70   | cps   |
| Molybdenum | 97-1  | 1325    | 1217    | 1317    | 1286    | 4.69   | cps   |
| Molybdenum | 98-1  | 3092    | 2959    | 3334    | 3128    | 6.08   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 27      | 11      | 124.89 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 510     | 587     | 547     | 548     | 7.00   | cps   |
| Phosphorus | 31-2  | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Potassium  | 39-2  | 5210    | 4759    | 5051    | 5007    | 4.56   | cps   |
| Rhodium    | 103-1 | 4460255 | 4476774 | 4464672 | 4467233 | 0.19   | cps   |
| Rhodium    | 103-2 | 1712966 | 1751503 | 1722641 | 1729037 | 1.16   | cps   |
| Scandium   | 45-1  | 3243160 | 3283058 | 3296093 | 3274104 | 0.84   | cps   |
| Scandium   | 45-2  | 40080   | 39950   | 39576   | 39869   | 0.66   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 6       | 6       | 11      | 7       | 43.24  | cps   |
| Selenium   | 82-1  | 46      | 14      | 33      | 31      | 51.49  | cps   |
| Silicon    | 28-1  | 400396  | 399603  | 399100  | 399700  | 0.16   | cps   |
| Silver     | 109-1 | 4943    | 4568    | 4393    | 4634    | 6.07   | cps   |
| Silver     | 107-1 | 5076    | 4609    | 5268    | 4984    | 6.80   | cps   |
| Sodium     | 23-2  | 14041   | 14391   | 14441   | 14291   | 1.53   | cps   |
| Strontium  | 86-1  | 2550    | 2434    | 2459    | 2481    | 2.48   | cps   |
| Strontium  | 88-1  | 11355   | 11580   | 10279   | 11072   | 6.28   | cps   |
| Sulfur     | 34-1  | 351798  | 353105  | 351971  | 352291  | 0.20   | cps   |
| Terbium    | 159-1 | 4873651 | 4915381 | 4910599 | 4899877 | 0.47   | cps   |
| Terbium    | 159-2 | 1608644 | 1591921 | 1593161 | 1597909 | 0.58   | cps   |
| Thallium   | 203-1 | 2517    | 2534    | 2350    | 2467    | 4.11   | cps   |
| Thallium   | 205-1 | 6035    | 6469    | 6218    | 6241    | 3.49   | cps   |
| Tin        | 118-1 | 3501    | 3859    | 3626    | 3662    | 4.97   | cps   |
| Titanium   | 47-1  | 908     | 675     | 867     | 817     | 15.24  | cps   |
| Uranium    | 238-1 | 6961    | 7336    | 7161    | 7152    | 2.63   | cps   |
| Vanadium   | 51-2  | 503     | 623     | 487     | 538     | 13.87  | cps   |
| Yttrium    | 89-1  | 4966280 | 5047700 | 4986134 | 5000038 | 0.85   | cps   |
| Yttrium    | 89-2  | 251579  | 250411  | 248881  | 250290  | 0.54   | cps   |
| Zinc       | 66-2  | 337     | 313     | 347     | 332     | 5.15   | cps   |
| Zirconium  | 90-1  | 6427    | 7136    | 7044    | 6869    | 5.61   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#16       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#16       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:46:00 | DataFile Name :   | 047SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1600 | 1467 | 1492 | 1520    | 4.66   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#17 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#17 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 16:49:10 DataFile Name : 048SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 100     | 150     | 125     | 125     | 20.00  | cps   |
| Antimony   | 121-1 | 4226    | 4076    | 4476    | 4259    | 4.75   | cps   |
| Arsenic    | 75-2  | 106     | 104     | 111     | 107     | 3.61   | cps   |
| Barium     | 135-1 | 4093    | 4193    | 4151    | 4145    | 1.21   | cps   |
| Barium     | 137-1 | 7327    | 7327    | 7161    | 7272    | 1.32   | cps   |
| Beryllium  | 9-1   | 772     | 689     | 756     | 739     | 5.97   | cps   |
| Bismuth    | 209-1 | 2620530 | 2653666 | 2647284 | 2640493 | 0.67   | cps   |
| Bismuth    | 209-2 | 1194010 | 1133670 | 1190870 | 1172850 | 2.90   | cps   |
| Boron      | 10-1  | 383     | 375     | 442     | 400     | 9.08   | cps   |
| Boron      | 11-1  | 1792    | 1775    | 1834    | 1800    | 1.67   | cps   |
| Cadmium    | 111-1 | 1686    | 1658    | 1821    | 1722    | 5.05   | cps   |
| Cadmium    | 106-1 | 1158    | 1133    | 1425    | 1239    | 13.05  | cps   |
| Cadmium    | 108-1 | 83      | 63      | 63      | 69      | 17.33  | cps   |
| Calcium    | 43-1  | 4609    | 3967    | 4551    | 4376    | 8.11   | cps   |
| Calcium    | 44-1  | 72898   | 72629   | 72161   | 72563   | 0.51   | cps   |
| Chromium   | 52-2  | 1890    | 1857    | 1790    | 1846    | 2.76   | cps   |
| Cobalt     | 59-2  | 1653    | 1730    | 1553    | 1646    | 5.38   | cps   |
| Copper     | 63-2  | 2964    | 2874    | 2940    | 2926    | 1.60   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 0       | 50      | 22      | 114.56 | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 33      | 58      | 42      | 44      | 28.65  | cps   |
| Gadolinium | 160-2 | 17      | 20      | 7       | 14      | 48.02  | cps   |
| Holmium    | 165-1 | 4610242 | 4602931 | 4629508 | 4614227 | 0.30   | cps   |
| Holmium    | 165-2 | 1611172 | 1562146 | 1561752 | 1578357 | 1.80   | cps   |
| Indium     | 115-1 | 4477900 | 4469964 | 4552652 | 4500172 | 1.01   | cps   |
| Indium     | 115-2 | 327897  | 308031  | 323392  | 319773  | 3.26   | cps   |
| Iron       | 56-2  | 29677   | 29782   | 29671   | 29710   | 0.21   | cps   |
| Iron       | 57-2  | 711     | 694     | 739     | 715     | 3.14   | cps   |
| Lead       | 206-1 | 2122    | 2128    | 2239    | 2163    | 3.04   | cps   |
| Lead       | 207-1 | 2067    | 1928    | 2195    | 2063    | 6.47   | cps   |
| Lead       | 208-1 | 9202    | 8674    | 9429    | 9102    | 4.26   | cps   |
| Lithium    | 6-1   | 546934  | 549521  | 553559  | 550005  | 0.61   | cps   |
| Magnesium  | 24-2  | 2759    | 2909    | 2700    | 2789    | 3.85   | cps   |
| Manganese  | 55-2  | 667     | 583     | 567     | 606     | 8.85   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#17       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#17       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:49:10 | DataFile Name :   | 048SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3726    | 3184    | 3501    | 3470    | 7.84   | cps   |
| Molybdenum | 95-1  | 2050    | 2042    | 2200    | 2097    | 4.25   | cps   |
| Molybdenum | 96-1  | 2450    | 2209    | 2534    | 2398    | 7.04   | cps   |
| Molybdenum | 97-1  | 1183    | 1225    | 1258    | 1222    | 3.07   | cps   |
| Molybdenum | 98-1  | 3075    | 3042    | 3192    | 3103    | 2.54   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 0       | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 597     | 657     | 553     | 602     | 8.62   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Potassium  | 39-2  | 5043    | 5443    | 4893    | 5126    | 5.55   | cps   |
| Rhodium    | 103-1 | 4442765 | 4477358 | 4493355 | 4471160 | 0.58   | cps   |
| Rhodium    | 103-2 | 1756772 | 1635921 | 1710176 | 1700956 | 3.58   | cps   |
| Scandium   | 45-1  | 3279018 | 3250421 | 3263278 | 3264239 | 0.44   | cps   |
| Scandium   | 45-2  | 39937   | 37734   | 39225   | 38965   | 2.88   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 13      | 2       | 7       | 83.30  | cps   |
| Selenium   | 82-1  | 147     | 49      | 120     | 105     | 47.98  | cps   |
| Silicon    | 28-1  | 403736  | 399921  | 398185  | 400614  | 0.71   | cps   |
| Silver     | 109-1 | 4718    | 4543    | 5160    | 4807    | 6.62   | cps   |
| Silver     | 107-1 | 4968    | 4751    | 4701    | 4807    | 2.95   | cps   |
| Sodium     | 23-2  | 14833   | 13949   | 14283   | 14355   | 3.11   | cps   |
| Strontium  | 86-1  | 2484    | 2109    | 2500    | 2364    | 9.37   | cps   |
| Strontium  | 88-1  | 11480   | 11122   | 11397   | 11333   | 1.66   | cps   |
| Sulfur     | 34-1  | 355195  | 354777  | 349572  | 353181  | 0.89   | cps   |
| Terbium    | 159-1 | 4908558 | 4976229 | 4914294 | 4933027 | 0.76   | cps   |
| Terbium    | 159-2 | 1592737 | 1516969 | 1576558 | 1562088 | 2.55   | cps   |
| Thallium   | 203-1 | 2409    | 2542    | 2550    | 2500    | 3.18   | cps   |
| Thallium   | 205-1 | 5927    | 6419    | 5743    | 6030    | 5.79   | cps   |
| Tin        | 118-1 | 3826    | 3609    | 4034    | 3823    | 5.56   | cps   |
| Titanium   | 47-1  | 733     | 692     | 767     | 731     | 5.14   | cps   |
| Uranium    | 238-1 | 6577    | 6610    | 7136    | 6774    | 4.63   | cps   |
| Vanadium   | 51-2  | 530     | 493     | 573     | 532     | 7.52   | cps   |
| Yttrium    | 89-1  | 5022960 | 4990303 | 5054033 | 5022432 | 0.63   | cps   |
| Yttrium    | 89-2  | 254793  | 235499  | 249423  | 246572  | 4.04   | cps   |
| Zinc       | 66-2  | 373     | 363     | 370     | 369     | 1.38   | cps   |
| Zirconium  | 90-1  | 6902    | 6894    | 6685    | 6827    | 1.80   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#17       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#17       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 16:49:10 | DataFile Name :   | 048SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1500 | 1392 | 1450 | 1447    | 3.75   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 412577   | 411070   | 414437   | 412695   | 0.41   | cps   |
| Antimony   | 121-1 | 3700931  | 3673075  | 3731519  | 3701842  | 0.79   | cps   |
| Arsenic    | 75-2  | 75307    | 76009    | 75169    | 75495    | 0.60   | cps   |
| Barium     | 135-1 | 3660012  | 3675914  | 3716771  | 3684233  | 0.79   | cps   |
| Barium     | 137-1 | 6270081  | 6307379  | 6311219  | 6296226  | 0.36   | cps   |
| Beryllium  | 9-1   | 535615   | 539357   | 542313   | 539095   | 0.62   | cps   |
| Bismuth    | 209-1 | 2694723  | 2687175  | 2759264  | 2713720  | 1.46   | cps   |
| Bismuth    | 209-2 | 1229097  | 1221527  | 1225299  | 1225308  | 0.31   | cps   |
| Boron      | 10-1  | 66857    | 67710    | 69812    | 68126    | 2.23   | cps   |
| Boron      | 11-1  | 317210   | 324401   | 331589   | 324400   | 2.22   | cps   |
| Cadmium    | 111-1 | 795632   | 805017   | 805745   | 802132   | 0.70   | cps   |
| Cadmium    | 106-1 | 81840    | 83777    | 83777    | 83132    | 1.35   | cps   |
| Cadmium    | 108-1 | 55769    | 56096    | 56974    | 56280    | 1.11   | cps   |
| Calcium    | 43-1  | 5070177  | 5070160  | 5114073  | 5084803  | 0.50   | cps   |
| Calcium    | 44-1  | 81219714 | 82360673 | 82962829 | 82181072 | 1.08   | cps   |
| Chromium   | 52-2  | 606898   | 606822   | 605417   | 606379   | 0.14   | cps   |
| Cobalt     | 59-2  | 1183813  | 1188822  | 1189827  | 1187487  | 0.27   | cps   |
| Copper     | 63-2  | 2068140  | 2050479  | 2080797  | 2066472  | 0.74   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 75       | 86       | 22.35  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 17       | 16       | 12.40  | cps   |
| Erbium     | 164-1 | 33       | 42       | 67       | 47       | 36.74  | cps   |
| Erbium     | 164-2 | 7        | 13       | 10       | 10       | 33.30  | cps   |
| Gadolinium | 160-1 | 50       | 58       | 142      | 83       | 60.83  | cps   |
| Gadolinium | 160-2 | 37       | 23       | 23       | 28       | 27.73  | cps   |
| Holmium    | 165-1 | 4898735  | 4941309  | 4965825  | 4935290  | 0.69   | cps   |
| Holmium    | 165-2 | 1759210  | 1736990  | 1744967  | 1747056  | 0.64   | cps   |
| Indium     | 115-1 | 4533701  | 4517543  | 4556620  | 4535955  | 0.43   | cps   |
| Indium     | 115-2 | 321196   | 321463   | 320679   | 321113   | 0.12   | cps   |
| Iron       | 56-2  | 96910972 | 97175177 | 97175283 | 97087144 | 0.16   | cps   |
| Iron       | 57-2  | 2499520  | 2473984  | 2496224  | 2489909  | 0.56   | cps   |
| Lead       | 206-1 | 1709037  | 1735023  | 1740536  | 1728199  | 0.97   | cps   |
| Lead       | 207-1 | 1520085  | 1541999  | 1550834  | 1537639  | 1.03   | cps   |
| Lead       | 208-1 | 6958058  | 7076853  | 7135544  | 7056819  | 1.28   | cps   |
| Lithium    | 6-1   | 580693   | 586516   | 604547   | 590585   | 2.11   | cps   |
| Magnesium  | 24-2  | 10049614 | 10012772 | 10098484 | 10053623 | 0.43   | cps   |
| Manganese  | 55-2  | 345708   | 342862   | 343668   | 344079   | 0.43   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2927867  | 2958419  | 2984974  | 2957087  | 0.97   | cps   |
| Molybdenum | 95-1  | 1729794  | 1703714  | 1724021  | 1719176  | 0.80   | cps   |
| Molybdenum | 96-1  | 2172156  | 2203506  | 2206450  | 2194037  | 0.87   | cps   |
| Molybdenum | 97-1  | 1023142  | 1033711  | 1040256  | 1032370  | 0.84   | cps   |
| Molybdenum | 98-1  | 2672436  | 2755908  | 2782765  | 2737036  | 2.10   | cps   |
| Neodymium  | 150-1 | 100      | 193      | 173      | 156      | 31.59  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 10       | 12       | 31.50  | cps   |
| Nickel     | 60-2  | 348436   | 349871   | 349473   | 349260   | 0.21   | cps   |
| Phosphorus | 31-2  | 7019     | 6527     | 7236     | 6927     | 5.24   | cps   |
| Potassium  | 39-2  | 3341860  | 3324782  | 3320316  | 3328986  | 0.34   | cps   |
| Rhodium    | 103-1 | 4290191  | 4331060  | 4398346  | 4339866  | 1.26   | cps   |
| Rhodium    | 103-2 | 1677170  | 1652256  | 1671044  | 1666823  | 0.78   | cps   |
| Scandium   | 45-1  | 3263287  | 3321274  | 3374554  | 3319705  | 1.68   | cps   |
| Scandium   | 45-2  | 39763    | 40244    | 39389    | 39799    | 1.08   | cps   |
| Selenium   | 77-2  | 627      | 613      | 537      | 592      | 8.20   | cps   |
| Selenium   | 78-2  | 1859     | 1789     | 1946     | 1865     | 4.23   | cps   |
| Selenium   | 82-1  | 54654    | 54150    | 54833    | 54546    | 0.65   | cps   |
| Silicon    | 28-1  | 2209360  | 2235883  | 2280299  | 2241847  | 1.60   | cps   |
| Silver     | 109-1 | 3786470  | 3795986  | 3838153  | 3806870  | 0.72   | cps   |
| Silver     | 107-1 | 3996686  | 4028855  | 4072362  | 4032635  | 0.94   | cps   |
| Sodium     | 23-2  | 24587952 | 24770603 | 24627630 | 24662061 | 0.39   | cps   |
| Strontium  | 86-1  | 1066718  | 1054808  | 1072883  | 1064803  | 0.86   | cps   |
| Strontium  | 88-1  | 9210274  | 9285928  | 9325607  | 9273936  | 0.63   | cps   |
| Sulfur     | 34-1  | 658613   | 655572   | 659402   | 657862   | 0.31   | cps   |
| Terbium    | 159-1 | 5094176  | 5164588  | 5253009  | 5170591  | 1.54   | cps   |
| Terbium    | 159-2 | 1690218  | 1682320  | 1712655  | 1695064  | 0.93   | cps   |
| Thallium   | 203-1 | 2193998  | 2199424  | 2200887  | 2198103  | 0.17   | cps   |
| Thallium   | 205-1 | 5154729  | 5161229  | 5194268  | 5170075  | 0.41   | cps   |
| Tin        | 118-1 | 2535859  | 2547319  | 2587741  | 2556973  | 1.07   | cps   |
| Titanium   | 47-1  | 505975   | 505396   | 507678   | 506350   | 0.23   | cps   |
| Uranium    | 238-1 | 6478222  | 6437676  | 6574452  | 6496783  | 1.08   | cps   |
| Vanadium   | 51-2  | 438300   | 438458   | 438323   | 438360   | 0.02   | cps   |
| Yttrium    | 89-1  | 5103859  | 5113053  | 5244613  | 5153841  | 1.53   | cps   |
| Yttrium    | 89-2  | 256533   | 255333   | 253637   | 255167   | 0.57   | cps   |
| Zinc       | 66-2  | 198552   | 199782   | 201064   | 199800   | 0.63   | cps   |
| Zirconium  | 90-1  | 5466853  | 5430220  | 5473802  | 5456958  | 0.43   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV09               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV09               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 16:52:19 | DataFile Name :   | 049CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1193662 | 1197597 | 1213811 | 1201690 | 0.89   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 58      | 50      | 17      | 42      | 52.91  | cps   |
| Antimony   | 121-1 | 267     | 150     | 200     | 206     | 28.47  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 4       | 4       | 24.86  | cps   |
| Barium     | 135-1 | 17      | 33      | 33      | 28      | 34.63  | cps   |
| Barium     | 137-1 | 75      | 58      | 67      | 67      | 12.49  | cps   |
| Beryllium  | 9-1   | 22      | 39      | 61      | 41      | 47.89  | cps   |
| Bismuth    | 209-1 | 2743676 | 2702511 | 2717291 | 2721159 | 0.77   | cps   |
| Bismuth    | 209-2 | 1223746 | 1201841 | 1215457 | 1213681 | 0.91   | cps   |
| Boron      | 10-1  | 442     | 692     | 408     | 514     | 30.14  | cps   |
| Boron      | 11-1  | 2650    | 2367    | 2384    | 2467    | 6.45   | cps   |
| Cadmium    | 111-1 | 595     | 640     | 688     | 641     | 7.25   | cps   |
| Cadmium    | 106-1 | 825     | 917     | 992     | 911     | 9.16   | cps   |
| Cadmium    | 108-1 | 4       | 8       | 8       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 3050    | 3226    | 2700    | 2992    | 8.94   | cps   |
| Calcium    | 44-1  | 52817   | 53955   | 52516   | 53096   | 1.43   | cps   |
| Chromium   | 52-2  | 1057    | 1130    | 1190    | 1126    | 5.93   | cps   |
| Cobalt     | 59-2  | 57      | 70      | 83      | 70      | 19.05  | cps   |
| Copper     | 63-2  | 550     | 393     | 410     | 451     | 19.07  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 33      | 8       | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 42      | 92      | 50      | 61      | 43.83  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4739555 | 4597692 | 4689477 | 4675575 | 1.54   | cps   |
| Holmium    | 165-2 | 1641077 | 1619359 | 1614018 | 1624818 | 0.88   | cps   |
| Indium     | 115-1 | 4629050 | 4526004 | 4448542 | 4534532 | 2.00   | cps   |
| Indium     | 115-2 | 327161  | 326096  | 329256  | 327504  | 0.49   | cps   |
| Iron       | 56-2  | 4329    | 4740    | 4584    | 4551    | 4.56   | cps   |
| Iron       | 57-2  | 122     | 128     | 150     | 133     | 11.03  | cps   |
| Lead       | 206-1 | 367     | 300     | 361     | 343     | 10.80  | cps   |
| Lead       | 207-1 | 350     | 261     | 406     | 339     | 21.50  | cps   |
| Lead       | 208-1 | 1556    | 1295    | 1567    | 1472    | 10.46  | cps   |
| Lithium    | 6-1   | 567787  | 567940  | 566928  | 567552  | 0.10   | cps   |
| Magnesium  | 24-2  | 142     | 108     | 133     | 128     | 13.57  | cps   |
| Manganese  | 55-2  | 80      | 147     | 73      | 100     | 40.55  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 250     | 225     | 175     | 217     | 17.62  | cps   |
| Molybdenum | 95-1  | 50      | 33      | 58      | 47      | 26.97  | cps   |
| Molybdenum | 96-1  | 100     | 92      | 50      | 81      | 33.26  | cps   |
| Molybdenum | 97-1  | 50      | 50      | 33      | 44      | 21.66  | cps   |
| Molybdenum | 98-1  | 17      | 17      | 50      | 28      | 69.27  | cps   |
| Neodymium  | 150-1 | 20      | 13      | 0       | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 93      | 60      | 87      | 80      | 22.05  | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4509    | 4751    | 4493    | 4584    | 3.16   | cps   |
| Rhodium    | 103-1 | 4486505 | 4521328 | 4499683 | 4502505 | 0.39   | cps   |
| Rhodium    | 103-2 | 1743959 | 1721922 | 1748749 | 1738210 | 0.82   | cps   |
| Scandium   | 45-1  | 3291494 | 3235434 | 3233836 | 3253588 | 1.01   | cps   |
| Scandium   | 45-2  | 39155   | 39405   | 39195   | 39252   | 0.34   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 2       | 2       | 1       | 86.60  | cps   |
| Selenium   | 82-1  | -80     | -11     | -23     | -38     | -96.65 | cps   |
| Silicon    | 28-1  | 399789  | 399071  | 389126  | 395995  | 1.50   | cps   |
| Silver     | 109-1 | 92      | 158     | 133     | 128     | 26.36  | cps   |
| Silver     | 107-1 | 183     | 150     | 183     | 172     | 11.17  | cps   |
| Sodium     | 23-2  | 9345    | 9470    | 8786    | 9201    | 3.96   | cps   |
| Strontium  | 86-1  | 1350    | 1275    | 1233    | 1286    | 4.60   | cps   |
| Strontium  | 88-1  | 250     | 292     | 283     | 275     | 8.02   | cps   |
| Sulfur     | 34-1  | 339535  | 340087  | 342714  | 340779  | 0.50   | cps   |
| Terbium    | 159-1 | 5002437 | 5076567 | 4960840 | 5013281 | 1.17   | cps   |
| Terbium    | 159-2 | 1641361 | 1576997 | 1577686 | 1598681 | 2.31   | cps   |
| Thallium   | 203-1 | 83      | 133     | 83      | 100     | 28.87  | cps   |
| Thallium   | 205-1 | 267     | 300     | 150     | 239     | 32.97  | cps   |
| Tin        | 118-1 | 750     | 833     | 758     | 781     | 5.88   | cps   |
| Titanium   | 47-1  | 217     | 217     | 133     | 189     | 25.47  | cps   |
| Uranium    | 238-1 | 50      | 75      | 33      | 53      | 39.74  | cps   |
| Vanadium   | 51-2  | 0       | 20      | 13      | 11      | 91.66  | cps   |
| Yttrium    | 89-1  | 5036461 | 4995367 | 5052538 | 5028122 | 0.59   | cps   |
| Yttrium    | 89-2  | 253531  | 252260  | 252428  | 252740  | 0.27   | cps   |
| Zinc       | 66-2  | 97      | 103     | 103     | 101     | 3.81   | cps   |
| Zirconium  | 90-1  | 625     | 608     | 492     | 575     | 12.63  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB09               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB09               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:03:25 | DataFile Name :   | 050CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 92   | 133  | 119     | 20.14  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 142     | 92      | 103     | 33.76  | cps   |
| Antimony   | 121-1 | 4484    | 4451    | 4551    | 4495    | 1.13   | cps   |
| Arsenic    | 75-2  | 76      | 80      | 85      | 80      | 5.81   | cps   |
| Barium     | 135-1 | 4168    | 3909    | 4484    | 4187    | 6.88   | cps   |
| Barium     | 137-1 | 7569    | 6910    | 7811    | 7430    | 6.27   | cps   |
| Beryllium  | 9-1   | 706     | 728     | 772     | 735     | 4.62   | cps   |
| Bismuth    | 209-1 | 2721705 | 2594028 | 2654579 | 2656771 | 2.40   | cps   |
| Bismuth    | 209-2 | 1215648 | 1202812 | 1211523 | 1209994 | 0.54   | cps   |
| Boron      | 10-1  | 667     | 567     | 533     | 589     | 11.78  | cps   |
| Boron      | 11-1  | 2650    | 2850    | 2592    | 2698    | 5.02   | cps   |
| Cadmium    | 111-1 | 2056    | 1676    | 1631    | 1787    | 13.07  | cps   |
| Cadmium    | 106-1 | 1400    | 1142    | 1125    | 1222    | 12.62  | cps   |
| Cadmium    | 108-1 | 71      | 88      | 129     | 96      | 31.35  | cps   |
| Calcium    | 43-1  | 4568    | 4568    | 4409    | 4515    | 2.03   | cps   |
| Calcium    | 44-1  | 74146   | 71977   | 71751   | 72625   | 1.82   | cps   |
| Chromium   | 52-2  | 1957    | 1890    | 1867    | 1905    | 2.45   | cps   |
| Cobalt     | 59-2  | 1513    | 1613    | 1590    | 1572    | 3.33   | cps   |
| Copper     | 63-2  | 3020    | 2930    | 2920    | 2957    | 1.86   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 42      | 17      | 132.30 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 8       | 33      | 19      | 65.47  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 42      | 0       | 8       | 17      | 132.30 | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 4627784 | 4457598 | 4618985 | 4568122 | 2.10   | cps   |
| Holmium    | 165-2 | 1679808 | 1603612 | 1586897 | 1623439 | 3.05   | cps   |
| Indium     | 115-1 | 4544111 | 4404853 | 4502885 | 4483949 | 1.60   | cps   |
| Indium     | 115-2 | 327371  | 331293  | 326409  | 328358  | 0.79   | cps   |
| Iron       | 56-2  | 29292   | 29504   | 29303   | 29367   | 0.41   | cps   |
| Iron       | 57-2  | 828     | 650     | 644     | 707     | 14.74  | cps   |
| Lead       | 206-1 | 2411    | 2350    | 2284    | 2348    | 2.72   | cps   |
| Lead       | 207-1 | 2106    | 2200    | 2245    | 2184    | 3.25   | cps   |
| Lead       | 208-1 | 9429    | 9563    | 9718    | 9570    | 1.51   | cps   |
| Lithium    | 6-1   | 554835  | 543406  | 559186  | 552476  | 1.48   | cps   |
| Magnesium  | 24-2  | 2750    | 2800    | 2767    | 2773    | 0.92   | cps   |
| Manganese  | 55-2  | 517     | 533     | 553     | 534     | 3.44   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 3667    | 3451    | 3534    | 3551    | 3.08     | cps   |
| Molybdenum | 95-1  | 1975    | 1967    | 1959    | 1967    | 0.42     | cps   |
| Molybdenum | 96-1  | 2275    | 2525    | 2500    | 2434    | 5.66     | cps   |
| Molybdenum | 97-1  | 1300    | 1292    | 1375    | 1322    | 3.47     | cps   |
| Molybdenum | 98-1  | 2892    | 3050    | 3059    | 3000    | 3.13     | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Nickel     | 60-2  | 673     | 557     | 497     | 576     | 15.61    | cps   |
| Phosphorus | 31-2  | 50      | 25      | 25      | 33      | 43.30    | cps   |
| Potassium  | 39-2  | 4884    | 5426    | 5485    | 5265    | 6.29     | cps   |
| Rhodium    | 103-1 | 4438265 | 4280094 | 4491413 | 4403257 | 2.50     | cps   |
| Rhodium    | 103-2 | 1752563 | 1737178 | 1701719 | 1730486 | 1.51     | cps   |
| Scandium   | 45-1  | 3276220 | 3129204 | 3264233 | 3223219 | 2.53     | cps   |
| Scandium   | 45-2  | 39502   | 40114   | 39666   | 39761   | 0.80     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 0       | 4       | 2       | 2       | 100.00   | cps   |
| Selenium   | 82-1  | 31      | -10     | -21     | 0       | 82945.57 | cps   |
| Silicon    | 28-1  | 395123  | 391073  | 400207  | 395468  | 1.16     | cps   |
| Silver     | 109-1 | 5110    | 4718    | 4393    | 4740    | 7.57     | cps   |
| Silver     | 107-1 | 5676    | 4651    | 5151    | 5160    | 9.94     | cps   |
| Sodium     | 23-2  | 15084   | 15301   | 14825   | 15070   | 1.58     | cps   |
| Strontium  | 86-1  | 2525    | 2175    | 2300    | 2334    | 7.60     | cps   |
| Strontium  | 88-1  | 11247   | 11013   | 10988   | 11083   | 1.29     | cps   |
| Sulfur     | 34-1  | 340386  | 338687  | 343358  | 340810  | 0.69     | cps   |
| Terbium    | 159-1 | 4990842 | 4795682 | 4963725 | 4916750 | 2.15     | cps   |
| Terbium    | 159-2 | 1580936 | 1583734 | 1577087 | 1580586 | 0.21     | cps   |
| Thallium   | 203-1 | 2500    | 2659    | 2817    | 2659    | 5.96     | cps   |
| Thallium   | 205-1 | 6427    | 6310    | 6402    | 6380    | 0.96     | cps   |
| Tin        | 118-1 | 3634    | 3559    | 3959    | 3717    | 5.72     | cps   |
| Titanium   | 47-1  | 825     | 708     | 833     | 789     | 8.86     | cps   |
| Uranium    | 238-1 | 7144    | 7344    | 6977    | 7155    | 2.57     | cps   |
| Vanadium   | 51-2  | 480     | 627     | 557     | 554     | 13.23    | cps   |
| Yttrium    | 89-1  | 4967568 | 4795446 | 4999635 | 4920883 | 2.23     | cps   |
| Yttrium    | 89-2  | 250728  | 255258  | 251700  | 252562  | 0.94     | cps   |
| Zinc       | 66-2  | 320     | 287     | 270     | 292     | 8.71     | cps   |
| Zirconium  | 90-1  | 6919    | 7311    | 7085    | 7105    | 2.77     | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#18       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#18       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:06:36 | DataFile Name :   | 051SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1450 | 1525 | 1375 | 1450    | 5.17   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#19 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#19 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:09:46 DataFile Name : 052SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 100     | 58      | 94      | 35.66  | cps   |
| Antimony   | 121-1 | 4359    | 4134    | 4801    | 4432    | 7.66   | cps   |
| Arsenic    | 75-2  | 87      | 120     | 76      | 94      | 24.49  | cps   |
| Barium     | 135-1 | 3909    | 4368    | 4276    | 4184    | 5.80   | cps   |
| Barium     | 137-1 | 7244    | 7394    | 7519    | 7386    | 1.87   | cps   |
| Beryllium  | 9-1   | 717     | 778     | 700     | 732     | 5.60   | cps   |
| Bismuth    | 209-1 | 2670516 | 2638475 | 2618667 | 2642553 | 0.99   | cps   |
| Bismuth    | 209-2 | 1206333 | 1198381 | 1198892 | 1201202 | 0.37   | cps   |
| Boron      | 10-1  | 617     | 592     | 458     | 556     | 15.32  | cps   |
| Boron      | 11-1  | 2192    | 2184    | 2259    | 2211    | 1.86   | cps   |
| Cadmium    | 111-1 | 1676    | 1865    | 1609    | 1717    | 7.73   | cps   |
| Cadmium    | 106-1 | 1225    | 1225    | 1183    | 1211    | 1.99   | cps   |
| Cadmium    | 108-1 | 75      | 79      | 88      | 81      | 7.90   | cps   |
| Calcium    | 43-1  | 4451    | 4243    | 4151    | 4281    | 3.59   | cps   |
| Calcium    | 44-1  | 73158   | 70728   | 72102   | 71996   | 1.69   | cps   |
| Chromium   | 52-2  | 1867    | 1883    | 1733    | 1828    | 4.50   | cps   |
| Cobalt     | 59-2  | 1597    | 1600    | 1603    | 1600    | 0.21   | cps   |
| Copper     | 63-2  | 2797    | 2854    | 2904    | 2851    | 1.87   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 17      | 17      | 22      | 43.28  | cps   |
| Erbium     | 164-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 8       | 8       | 58      | 25      | 115.49 | cps   |
| Gadolinium | 160-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Holmium    | 165-1 | 4565888 | 4626905 | 4512880 | 4568558 | 1.25   | cps   |
| Holmium    | 165-2 | 1623690 | 1598475 | 1591669 | 1604611 | 1.05   | cps   |
| Indium     | 115-1 | 4486577 | 4517468 | 4517543 | 4507196 | 0.40   | cps   |
| Indium     | 115-2 | 331195  | 324809  | 327541  | 327848  | 0.98   | cps   |
| Iron       | 56-2  | 28947   | 29532   | 29855   | 29445   | 1.56   | cps   |
| Iron       | 57-2  | 744     | 628     | 789     | 720     | 11.55  | cps   |
| Lead       | 206-1 | 2256    | 2184    | 2139    | 2193    | 2.69   | cps   |
| Lead       | 207-1 | 1850    | 2000    | 2045    | 1965    | 5.19   | cps   |
| Lead       | 208-1 | 8852    | 8835    | 9174    | 8953    | 2.13   | cps   |
| Lithium    | 6-1   | 550238  | 551816  | 552534  | 551529  | 0.21   | cps   |
| Magnesium  | 24-2  | 2509    | 2425    | 2967    | 2634    | 11.08  | cps   |
| Manganese  | 55-2  | 523     | 480     | 430     | 478     | 9.78   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#19       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#19       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:09:46 | DataFile Name :   | 052SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3276    | 3292    | 3401    | 3323    | 2.04   | cps   |
| Molybdenum | 95-1  | 1784    | 1850    | 2017    | 1884    | 6.38   | cps   |
| Molybdenum | 96-1  | 2642    | 2617    | 2559    | 2606    | 1.64   | cps   |
| Molybdenum | 97-1  | 1475    | 1342    | 1392    | 1403    | 4.80   | cps   |
| Molybdenum | 98-1  | 3284    | 3209    | 3009    | 3167    | 4.49   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 480     | 583     | 533     | 532     | 9.71   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 5585    | 5568    | 5418    | 5524    | 1.66   | cps   |
| Rhodium    | 103-1 | 4406773 | 4433942 | 4429755 | 4423490 | 0.33   | cps   |
| Rhodium    | 103-2 | 1754587 | 1726020 | 1718619 | 1733076 | 1.10   | cps   |
| Scandium   | 45-1  | 3244436 | 3214808 | 3233583 | 3230942 | 0.46   | cps   |
| Scandium   | 45-2  | 40037   | 39669   | 39586   | 39764   | 0.60   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 9       | 9       | 7       | 43.34  | cps   |
| Selenium   | 82-1  | 90      | -53     | 42      | 26      | 279.58 | cps   |
| Silicon    | 28-1  | 390555  | 392536  | 396996  | 393362  | 0.84   | cps   |
| Silver     | 109-1 | 4543    | 4476    | 4634    | 4551    | 1.75   | cps   |
| Silver     | 107-1 | 5151    | 4926    | 4609    | 4896    | 5.56   | cps   |
| Sodium     | 23-2  | 14508   | 15284   | 15376   | 15056   | 3.17   | cps   |
| Strontium  | 86-1  | 2467    | 2517    | 2559    | 2514    | 1.83   | cps   |
| Strontium  | 88-1  | 11088   | 10988   | 11030   | 11035   | 0.46   | cps   |
| Sulfur     | 34-1  | 341323  | 341522  | 344028  | 342291  | 0.44   | cps   |
| Terbium    | 159-1 | 4839953 | 4858583 | 4906904 | 4868480 | 0.71   | cps   |
| Terbium    | 159-2 | 1571357 | 1577019 | 1601855 | 1583410 | 1.02   | cps   |
| Thallium   | 203-1 | 2575    | 2717    | 2500    | 2598    | 4.24   | cps   |
| Thallium   | 205-1 | 5927    | 6085    | 6602    | 6205    | 5.69   | cps   |
| Tin        | 118-1 | 3459    | 3492    | 3526    | 3492    | 0.95   | cps   |
| Titanium   | 47-1  | 750     | 1000    | 875     | 875     | 14.29  | cps   |
| Uranium    | 238-1 | 7286    | 6886    | 7077    | 7083    | 2.83   | cps   |
| Vanadium   | 51-2  | 647     | 533     | 560     | 580     | 10.22  | cps   |
| Yttrium    | 89-1  | 5006705 | 4924557 | 4946161 | 4959141 | 0.86   | cps   |
| Yttrium    | 89-2  | 253495  | 252213  | 249041  | 251583  | 0.91   | cps   |
| Zinc       | 66-2  | 320     | 290     | 297     | 302     | 5.21   | cps   |
| Zirconium  | 90-1  | 6635    | 6819    | 7044    | 6833    | 2.99   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#19       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#19       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:09:46 | DataFile Name :   | 052SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1350 | 1575 | 1417 | 1447    | 7.99   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 117     | 58      | 75      | 48.43  | cps   |
| Antimony   | 121-1 | 4943    | 4784    | 4526    | 4751    | 4.43   | cps   |
| Arsenic    | 75-2  | 98      | 137     | 111     | 115     | 17.15  | cps   |
| Barium     | 135-1 | 4776    | 4343    | 4334    | 4484    | 5.64   | cps   |
| Barium     | 137-1 | 7394    | 7411    | 7419    | 7408    | 0.17   | cps   |
| Beryllium  | 9-1   | 628     | 628     | 761     | 672     | 11.45  | cps   |
| Bismuth    | 209-1 | 2678809 | 2545640 | 2619989 | 2614813 | 2.55   | cps   |
| Bismuth    | 209-2 | 1189520 | 1204468 | 1179499 | 1191162 | 1.05   | cps   |
| Boron      | 10-1  | 458     | 483     | 400     | 447     | 9.56   | cps   |
| Boron      | 11-1  | 2184    | 2325    | 2009    | 2172    | 7.30   | cps   |
| Cadmium    | 111-1 | 1796    | 1730    | 1757    | 1761    | 1.90   | cps   |
| Cadmium    | 106-1 | 1133    | 1200    | 1217    | 1183    | 3.73   | cps   |
| Cadmium    | 108-1 | 79      | 104     | 58      | 81      | 28.49  | cps   |
| Calcium    | 43-1  | 4117    | 3959    | 4059    | 4045    | 1.98   | cps   |
| Calcium    | 44-1  | 72563   | 70996   | 71968   | 71842   | 1.10   | cps   |
| Chromium   | 52-2  | 1847    | 1924    | 1894    | 1888    | 2.05   | cps   |
| Cobalt     | 59-2  | 1673    | 1650    | 1553    | 1626    | 3.91   | cps   |
| Copper     | 63-2  | 2930    | 3020    | 2867    | 2939    | 2.62   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 3       | 13      | 0       | 6       | 124.93 | cps   |
| Gadolinium | 160-1 | 17      | 33      | 17      | 22      | 43.28  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Holmium    | 165-1 | 4545259 | 4442140 | 4537824 | 4508408 | 1.28   | cps   |
| Holmium    | 165-2 | 1602576 | 1578591 | 1570746 | 1583971 | 1.05   | cps   |
| Indium     | 115-1 | 4515209 | 4367453 | 4425882 | 4436181 | 1.68   | cps   |
| Indium     | 115-2 | 325482  | 325479  | 321038  | 324000  | 0.79   | cps   |
| Iron       | 56-2  | 29047   | 29627   | 29465   | 29380   | 1.02   | cps   |
| Iron       | 57-2  | 828     | 656     | 711     | 732     | 12.02  | cps   |
| Lead       | 206-1 | 2295    | 2428    | 2211    | 2311    | 4.73   | cps   |
| Lead       | 207-1 | 2072    | 2089    | 2284    | 2148    | 5.46   | cps   |
| Lead       | 208-1 | 9580    | 9163    | 9363    | 9368    | 2.23   | cps   |
| Lithium    | 6-1   | 549420  | 532555  | 546174  | 542716  | 1.65   | cps   |
| Magnesium  | 24-2  | 2517    | 2800    | 2592    | 2636    | 5.57   | cps   |
| Manganese  | 55-2  | 560     | 540     | 547     | 549     | 1.86   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3317    | 3100    | 3492    | 3303    | 5.94   | cps   |
| Molybdenum | 95-1  | 1892    | 1784    | 1992    | 1889    | 5.52   | cps   |
| Molybdenum | 96-1  | 2475    | 2342    | 2609    | 2475    | 5.39   | cps   |
| Molybdenum | 97-1  | 1258    | 1075    | 1183    | 1172    | 7.86   | cps   |
| Molybdenum | 98-1  | 3184    | 3009    | 3176    | 3123    | 3.16   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 583     | 513     | 597     | 564     | 7.93   | cps   |
| Phosphorus | 31-2  | 8       | 17      | 25      | 17      | 50.01  | cps   |
| Potassium  | 39-2  | 5184    | 5051    | 4876    | 5037    | 3.07   | cps   |
| Rhodium    | 103-1 | 4463189 | 4308422 | 4397177 | 4389596 | 1.77   | cps   |
| Rhodium    | 103-2 | 1736747 | 1715799 | 1717059 | 1723202 | 0.68   | cps   |
| Scandium   | 45-1  | 3268536 | 3153566 | 3220218 | 3214107 | 1.80   | cps   |
| Scandium   | 45-2  | 38944   | 39402   | 39532   | 39293   | 0.79   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 4       | 9       | 6       | 6       | 45.85  | cps   |
| Selenium   | 82-1  | 10      | 131     | 105     | 82      | 77.20  | cps   |
| Silicon    | 28-1  | 399134  | 389116  | 397188  | 395146  | 1.34   | cps   |
| Silver     | 109-1 | 4709    | 4784    | 4651    | 4715    | 1.42   | cps   |
| Silver     | 107-1 | 4884    | 4776    | 4676    | 4779    | 2.18   | cps   |
| Sodium     | 23-2  | 14541   | 14083   | 15309   | 14644   | 4.23   | cps   |
| Strontium  | 86-1  | 2367    | 2334    | 2450    | 2384    | 2.52   | cps   |
| Strontium  | 88-1  | 10730   | 10805   | 10730   | 10755   | 0.40   | cps   |
| Sulfur     | 34-1  | 341199  | 340426  | 338468  | 340031  | 0.41   | cps   |
| Terbium    | 159-1 | 4865506 | 4722884 | 4886599 | 4824996 | 1.85   | cps   |
| Terbium    | 159-2 | 1558691 | 1580650 | 1548781 | 1562707 | 1.04   | cps   |
| Thallium   | 203-1 | 2484    | 2575    | 2625    | 2561    | 2.81   | cps   |
| Thallium   | 205-1 | 6168    | 5993    | 6018    | 6060    | 1.56   | cps   |
| Tin        | 118-1 | 3509    | 3376    | 3534    | 3473    | 2.45   | cps   |
| Titanium   | 47-1  | 883     | 908     | 808     | 867     | 6.01   | cps   |
| Uranium    | 238-1 | 7519    | 6769    | 7111    | 7133    | 5.27   | cps   |
| Vanadium   | 51-2  | 470     | 567     | 553     | 530     | 9.88   | cps   |
| Yttrium    | 89-1  | 4987127 | 4907565 | 4910584 | 4935092 | 0.91   | cps   |
| Yttrium    | 89-2  | 251015  | 250862  | 250236  | 250704  | 0.16   | cps   |
| Zinc       | 66-2  | 273     | 327     | 303     | 301     | 8.88   | cps   |
| Zirconium  | 90-1  | 6760    | 6527    | 6777    | 6688    | 2.09   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#20       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#20       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:12:56 | DataFile Name :   | 053SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1425 | 1417 | 1442 | 1428    | 0.89   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#21 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#21 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:16:07 DataFile Name : 054SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 125     | 100     | 158     | 128     | 22.90  | cps   |
| Antimony   | 121-1 | 4276    | 4251    | 4251    | 4259    | 0.34   | cps   |
| Arsenic    | 75-2  | 94      | 106     | 94      | 98      | 6.54   | cps   |
| Barium     | 135-1 | 4209    | 4409    | 4259    | 4293    | 2.43   | cps   |
| Barium     | 137-1 | 7177    | 6785    | 7728    | 7230    | 6.55   | cps   |
| Beryllium  | 9-1   | 706     | 667     | 611     | 661     | 7.18   | cps   |
| Bismuth    | 209-1 | 2678656 | 2653197 | 2646623 | 2659492 | 0.64   | cps   |
| Bismuth    | 209-2 | 1183752 | 1136903 | 1190447 | 1170367 | 2.49   | cps   |
| Boron      | 10-1  | 475     | 483     | 425     | 461     | 6.84   | cps   |
| Boron      | 11-1  | 1950    | 1942    | 1884    | 1925    | 1.89   | cps   |
| Cadmium    | 111-1 | 1806    | 1631    | 1731    | 1722    | 5.11   | cps   |
| Cadmium    | 106-1 | 1158    | 1050    | 1075    | 1095    | 5.18   | cps   |
| Cadmium    | 108-1 | 67      | 96      | 38      | 67      | 43.75  | cps   |
| Calcium    | 43-1  | 4276    | 4184    | 4134    | 4198    | 1.71   | cps   |
| Calcium    | 44-1  | 72179   | 72345   | 73736   | 72753   | 1.18   | cps   |
| Chromium   | 52-2  | 1797    | 1800    | 1730    | 1776    | 2.22   | cps   |
| Cobalt     | 59-2  | 1430    | 1593    | 1557    | 1527    | 5.61   | cps   |
| Copper     | 63-2  | 2914    | 3044    | 3044    | 3000    | 2.50   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 17      | 17      | 22      | 43.28  | cps   |
| Erbium     | 164-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 17      | 67      | 42      | 42      | 60.00  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 4639219 | 4563758 | 4556007 | 4586328 | 1.00   | cps   |
| Holmium    | 165-2 | 1606958 | 1503750 | 1608884 | 1573197 | 3.82   | cps   |
| Indium     | 115-1 | 4491139 | 4471269 | 4475234 | 4479214 | 0.23   | cps   |
| Indium     | 115-2 | 323346  | 307771  | 325815  | 318977  | 3.07   | cps   |
| Iron       | 56-2  | 30261   | 29465   | 28463   | 29396   | 3.07   | cps   |
| Iron       | 57-2  | 783     | 772     | 789     | 782     | 1.09   | cps   |
| Lead       | 206-1 | 2278    | 2473    | 2317    | 2356    | 4.37   | cps   |
| Lead       | 207-1 | 2056    | 2022    | 2022    | 2034    | 0.95   | cps   |
| Lead       | 208-1 | 9385    | 9396    | 9279    | 9354    | 0.69   | cps   |
| Lithium    | 6-1   | 552789  | 547915  | 546630  | 549111  | 0.59   | cps   |
| Magnesium  | 24-2  | 2567    | 2584    | 2734    | 2628    | 3.49   | cps   |
| Manganese  | 55-2  | 493     | 487     | 563     | 514     | 8.26   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#21       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#21       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:16:07 | DataFile Name :   | 054SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3559    | 3567    | 3401    | 3509    | 2.68   | cps   |
| Molybdenum | 95-1  | 2000    | 1984    | 1850    | 1945    | 4.23   | cps   |
| Molybdenum | 96-1  | 2567    | 2342    | 2567    | 2492    | 5.21   | cps   |
| Molybdenum | 97-1  | 1325    | 1075    | 1242    | 1214    | 10.49  | cps   |
| Molybdenum | 98-1  | 2959    | 2767    | 3309    | 3012    | 9.12   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 7       | 13      | 86.58  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 507     | 617     | 453     | 526     | 15.85  | cps   |
| Phosphorus | 31-2  | 58      | 17      | 25      | 33      | 66.14  | cps   |
| Potassium  | 39-2  | 4734    | 4943    | 4976    | 4884    | 2.68   | cps   |
| Rhodium    | 103-1 | 4417684 | 4421767 | 4389241 | 4409564 | 0.40   | cps   |
| Rhodium    | 103-2 | 1733038 | 1627985 | 1707882 | 1689635 | 3.25   | cps   |
| Scandium   | 45-1  | 3247919 | 3221740 | 3226355 | 3232005 | 0.43   | cps   |
| Scandium   | 45-2  | 38957   | 38346   | 39663   | 38989   | 1.69   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 7       | 9       | 7       | 24.97  | cps   |
| Selenium   | 82-1  | 93      | 160     | 41      | 98      | 60.73  | cps   |
| Silicon    | 28-1  | 402494  | 396238  | 394451  | 397728  | 1.06   | cps   |
| Silver     | 109-1 | 4401    | 4609    | 4609    | 4540    | 2.65   | cps   |
| Silver     | 107-1 | 4868    | 4926    | 4801    | 4865    | 1.29   | cps   |
| Sodium     | 23-2  | 14850   | 14742   | 14583   | 14725   | 0.91   | cps   |
| Strontium  | 86-1  | 2417    | 2392    | 2375    | 2395    | 0.88   | cps   |
| Strontium  | 88-1  | 11355   | 11355   | 10254   | 10988   | 5.78   | cps   |
| Sulfur     | 34-1  | 337777  | 337578  | 337398  | 337584  | 0.06   | cps   |
| Terbium    | 159-1 | 4892591 | 4779360 | 4785141 | 4819031 | 1.32   | cps   |
| Terbium    | 159-2 | 1550370 | 1495664 | 1562065 | 1536033 | 2.31   | cps   |
| Thallium   | 203-1 | 2684    | 2450    | 2592    | 2575    | 4.57   | cps   |
| Thallium   | 205-1 | 6219    | 6102    | 6060    | 6127    | 1.34   | cps   |
| Tin        | 118-1 | 3451    | 3426    | 3617    | 3498    | 2.98   | cps   |
| Titanium   | 47-1  | 783     | 867     | 825     | 825     | 5.05   | cps   |
| Uranium    | 238-1 | 7544    | 7152    | 7653    | 7450    | 3.53   | cps   |
| Vanadium   | 51-2  | 533     | 430     | 600     | 521     | 16.44  | cps   |
| Yttrium    | 89-1  | 4956152 | 4955218 | 4936800 | 4949390 | 0.22   | cps   |
| Yttrium    | 89-2  | 252701  | 241759  | 251545  | 248668  | 2.42   | cps   |
| Zinc       | 66-2  | 333     | 290     | 350     | 324     | 9.55   | cps   |
| Zirconium  | 90-1  | 6802    | 7102    | 7010    | 6972    | 2.21   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#21       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#21       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:16:07 | DataFile Name :   | 054SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1642 | 1675 | 1517 | 1611    | 5.18   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 LCSW Instrumnet Name : P8  
 Client Sample ID : 6020 LCSW Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:19:18 DataFile Name : 055CCV\_P8072417.D

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 80068    | 78794    | 79070    | 79310    | 0.85   | cps   |
| Antimony   | 121-1 | 3676860  | 3631451  | 3677211  | 3661841  | 0.72   | cps   |
| Arsenic    | 75-2  | 75333    | 75004    | 74663    | 75000    | 0.45   | cps   |
| Barium     | 135-1 | 3580880  | 3573117  | 3605544  | 3586514  | 0.47   | cps   |
| Barium     | 137-1 | 6222978  | 6130607  | 6128018  | 6160534  | 0.88   | cps   |
| Beryllium  | 9-1   | 520185   | 515519   | 519479   | 518394   | 0.49   | cps   |
| Bismuth    | 209-1 | 2608535  | 2719301  | 2714548  | 2680795  | 2.34   | cps   |
| Bismuth    | 209-2 | 1236320  | 1213541  | 1221617  | 1223826  | 0.94   | cps   |
| Boron      | 10-1  | 63081    | 63951    | 65140    | 64057    | 1.61   | cps   |
| Boron      | 11-1  | 300211   | 303695   | 305305   | 303070   | 0.86   | cps   |
| Cadmium    | 111-1 | 801548   | 803820   | 813527   | 806298   | 0.79   | cps   |
| Cadmium    | 106-1 | 82770    | 82226    | 84196    | 83064    | 1.22   | cps   |
| Cadmium    | 108-1 | 55694    | 55460    | 56598    | 55917    | 1.07   | cps   |
| Calcium    | 43-1  | 1004632  | 986841   | 992264   | 994579   | 0.92   | cps   |
| Calcium    | 44-1  | 16220901 | 16160534 | 16146283 | 16175906 | 0.24   | cps   |
| Chromium   | 52-2  | 588002   | 586721   | 584259   | 586327   | 0.32   | cps   |
| Cobalt     | 59-2  | 1208686  | 1192376  | 1192512  | 1197858  | 0.78   | cps   |
| Copper     | 63-2  | 2093690  | 2070771  | 2076739  | 2080400  | 0.57   | cps   |
| Dysprosium | 156-1 | 50       | 58       | 92       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 10       | 3        | 13       | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 33       | 8        | 33       | 25       | 57.74  | cps   |
| Erbium     | 164-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Gadolinium | 160-1 | 58       | 42       | 42       | 47       | 20.38  | cps   |
| Gadolinium | 160-2 | 3        | 10       | 10       | 8        | 49.52  | cps   |
| Holmium    | 165-1 | 4531244  | 4725630  | 4861230  | 4706035  | 3.52   | cps   |
| Holmium    | 165-2 | 1701542  | 1691948  | 1677018  | 1690169  | 0.73   | cps   |
| Indium     | 115-1 | 4330456  | 4431886  | 4617710  | 4460017  | 3.27   | cps   |
| Indium     | 115-2 | 323646   | 317263   | 321348   | 320752   | 1.01   | cps   |
| Iron       | 56-2  | 20258482 | 19957985 | 20001455 | 20072641 | 0.81   | cps   |
| Iron       | 57-2  | 500368   | 497436   | 496483   | 498096   | 0.41   | cps   |
| Lead       | 206-1 | 1663610  | 1671602  | 1725632  | 1686948  | 2.00   | cps   |
| Lead       | 207-1 | 1504965  | 1519127  | 1529408  | 1517833  | 0.81   | cps   |
| Lead       | 208-1 | 6892937  | 6888057  | 7021542  | 6934179  | 1.09   | cps   |
| Lithium    | 6-1   | 546397   | 565125   | 581064   | 564195   | 3.08   | cps   |
| Magnesium  | 24-2  | 2034636  | 2026339  | 2070103  | 2043693  | 1.14   | cps   |
| Manganese  | 55-2  | 344320   | 343759   | 341498   | 343192   | 0.44   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | 6020 LCSW           | Instrumnet Name : | P8                |
| Client Sample ID :      | 6020 LCSW           | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:19:18 | DataFile Name :   | 055CCV_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2863517 | 2857025 | 2919728 | 2880090 | 1.20   | cps   |
| Molybdenum | 95-1  | 1658700 | 1630399 | 1653987 | 1647695 | 0.92   | cps   |
| Molybdenum | 96-1  | 2090573 | 2088417 | 2113570 | 2097520 | 0.66   | cps   |
| Molybdenum | 97-1  | 1011258 | 997243  | 1003688 | 1004063 | 0.70   | cps   |
| Molybdenum | 98-1  | 2660691 | 2643584 | 2640068 | 2648114 | 0.42   | cps   |
| Neodymium  | 150-1 | 93      | 107     | 160     | 120     | 29.40  | cps   |
| Neodymium  | 150-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Nickel     | 60-2  | 351891  | 350962  | 348216  | 350356  | 0.55   | cps   |
| Phosphorus | 31-2  | 6769    | 6510    | 6710    | 6663    | 2.03   | cps   |
| Potassium  | 39-2  | 662611  | 660121  | 660283  | 661005  | 0.21   | cps   |
| Rhodium    | 103-1 | 4171062 | 4323249 | 4407524 | 4300612 | 2.79   | cps   |
| Rhodium    | 103-2 | 1710960 | 1696856 | 1707595 | 1705137 | 0.43   | cps   |
| Scandium   | 45-1  | 3124479 | 3234639 | 3256465 | 3205194 | 2.21   | cps   |
| Scandium   | 45-2  | 40121   | 39990   | 39840   | 39984   | 0.35   | cps   |
| Selenium   | 77-2  | 563     | 620     | 583     | 589     | 4.88   | cps   |
| Selenium   | 78-2  | 1850    | 1889    | 1850    | 1863    | 1.21   | cps   |
| Selenium   | 82-1  | 54418   | 53762   | 54100   | 54093   | 0.61   | cps   |
| Silicon    | 28-1  | 2237120 | 2262884 | 2282090 | 2260698 | 1.00   | cps   |
| Silver     | 109-1 | 3884265 | 3867825 | 3894068 | 3882053 | 0.34   | cps   |
| Silver     | 107-1 | 4066378 | 4054146 | 4123838 | 4081454 | 0.91   | cps   |
| Sodium     | 23-2  | 4951864 | 4950881 | 4938504 | 4947083 | 0.15   | cps   |
| Strontium  | 86-1  | 1023128 | 1014547 | 1024694 | 1020790 | 0.54   | cps   |
| Strontium  | 88-1  | 8955105 | 8782000 | 8853870 | 8863659 | 0.98   | cps   |
| Sulfur     | 34-1  | 632535  | 630151  | 628365  | 630350  | 0.33   | cps   |
| Terbium    | 159-1 | 4829224 | 5021599 | 5151939 | 5000921 | 3.25   | cps   |
| Terbium    | 159-2 | 1665380 | 1647138 | 1647769 | 1653429 | 0.63   | cps   |
| Thallium   | 203-1 | 2139336 | 2141387 | 2182930 | 2154551 | 1.14   | cps   |
| Thallium   | 205-1 | 5005103 | 4978074 | 5110625 | 5031267 | 1.39   | cps   |
| Tin        | 118-1 | 2540271 | 2500385 | 2578627 | 2539761 | 1.54   | cps   |
| Titanium   | 47-1  | 494293  | 487972  | 493737  | 492001  | 0.71   | cps   |
| Uranium    | 238-1 | 6148320 | 6075070 | 6255888 | 6159759 | 1.48   | cps   |
| Vanadium   | 51-2  | 429504  | 430919  | 428786  | 429736  | 0.25   | cps   |
| Yttrium    | 89-1  | 4827099 | 5027699 | 5107595 | 4987465 | 2.90   | cps   |
| Yttrium    | 89-2  | 252553  | 251314  | 251302  | 251723  | 0.29   | cps   |
| Zinc       | 66-2  | 201502  | 199958  | 202786  | 201415  | 0.70   | cps   |
| Zirconium  | 90-1  | 5360834 | 5296186 | 5412776 | 5356599 | 1.09   | cps   |



|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | 6020 LCSW           | Instrumnet Name : | P8                |
| Client Sample ID :      | 6020 LCSW           | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:19:18 | DataFile Name :   | 055CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1170183 | 1171471 | 1190512 | 1177389 | 0.97   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 418652   | 409941   | 421291   | 416628   | 1.43   | cps   |
| Antimony   | 121-1 | 3636480  | 3679156  | 3695041  | 3670226  | 0.83   | cps   |
| Arsenic    | 75-2  | 76035    | 75311    | 76480    | 75942    | 0.78   | cps   |
| Barium     | 135-1 | 3655153  | 3633402  | 3610716  | 3633090  | 0.61   | cps   |
| Barium     | 137-1 | 6289528  | 6263135  | 6243731  | 6265465  | 0.37   | cps   |
| Beryllium  | 9-1   | 537499   | 540800   | 542527   | 540275   | 0.47   | cps   |
| Bismuth    | 209-1 | 2722342  | 2682079  | 2672127  | 2692182  | 0.99   | cps   |
| Bismuth    | 209-2 | 1211914  | 1205149  | 1220264  | 1212442  | 0.62   | cps   |
| Boron      | 10-1  | 68288    | 71227    | 70675    | 70063    | 2.23   | cps   |
| Boron      | 11-1  | 321142   | 328114   | 327698   | 325651   | 1.20   | cps   |
| Cadmium    | 111-1 | 799126   | 803167   | 798468   | 800254   | 0.32   | cps   |
| Cadmium    | 106-1 | 82395    | 84313    | 82032    | 82913    | 1.48   | cps   |
| Cadmium    | 108-1 | 55828    | 55275    | 55347    | 55483    | 0.54   | cps   |
| Calcium    | 43-1  | 5053942  | 5077052  | 5026324  | 5052439  | 0.50   | cps   |
| Calcium    | 44-1  | 81295331 | 82012323 | 81871012 | 81726222 | 0.46   | cps   |
| Chromium   | 52-2  | 612214   | 605527   | 612555   | 610099   | 0.65   | cps   |
| Cobalt     | 59-2  | 1181890  | 1184559  | 1190720  | 1185723  | 0.38   | cps   |
| Copper     | 63-2  | 2059622  | 2031607  | 2063152  | 2051461  | 0.84   | cps   |
| Dysprosium | 156-1 | 117      | 108      | 67       | 97       | 27.55  | cps   |
| Dysprosium | 156-2 | 20       | 30       | 13       | 21       | 39.75  | cps   |
| Erbium     | 164-1 | 50       | 33       | 33       | 39       | 24.75  | cps   |
| Erbium     | 164-2 | 17       | 13       | 20       | 17       | 20.01  | cps   |
| Gadolinium | 160-1 | 133      | 75       | 83       | 97       | 32.45  | cps   |
| Gadolinium | 160-2 | 17       | 20       | 30       | 22       | 31.22  | cps   |
| Holmium    | 165-1 | 4888685  | 4792078  | 4889327  | 4856697  | 1.15   | cps   |
| Holmium    | 165-2 | 1708970  | 1700178  | 1728416  | 1712521  | 0.84   | cps   |
| Indium     | 115-1 | 4481457  | 4535669  | 4475922  | 4497683  | 0.73   | cps   |
| Indium     | 115-2 | 324569   | 323277   | 325190   | 324345   | 0.30   | cps   |
| Iron       | 56-2  | 97682361 | 97205902 | 97812961 | 97567074 | 0.33   | cps   |
| Iron       | 57-2  | 2468548  | 2441847  | 2486923  | 2465772  | 0.92   | cps   |
| Lead       | 206-1 | 1739891  | 1679050  | 1713620  | 1710854  | 1.78   | cps   |
| Lead       | 207-1 | 1528953  | 1513571  | 1526026  | 1522850  | 0.54   | cps   |
| Lead       | 208-1 | 7075127  | 6905344  | 6968498  | 6982990  | 1.23   | cps   |
| Lithium    | 6-1   | 579238   | 592291   | 597368   | 589632   | 1.59   | cps   |
| Magnesium  | 24-2  | 10093046 | 10058320 | 10205441 | 10118936 | 0.76   | cps   |
| Manganese  | 55-2  | 344360   | 347593   | 350051   | 347335   | 0.82   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2941679  | 2941612  | 2938135  | 2940475  | 0.07   | cps   |
| Molybdenum | 95-1  | 1702441  | 1684425  | 1704498  | 1697121  | 0.65   | cps   |
| Molybdenum | 96-1  | 2141498  | 2192208  | 2166941  | 2166882  | 1.17   | cps   |
| Molybdenum | 97-1  | 1027352  | 1028476  | 1026463  | 1027430  | 0.10   | cps   |
| Molybdenum | 98-1  | 2710690  | 2703263  | 2757252  | 2723735  | 1.07   | cps   |
| Neodymium  | 150-1 | 193      | 133      | 187      | 171      | 19.22  | cps   |
| Neodymium  | 150-2 | 40       | 20       | 27       | 29       | 35.25  | cps   |
| Nickel     | 60-2  | 350735   | 349473   | 352543   | 350917   | 0.44   | cps   |
| Phosphorus | 31-2  | 6685     | 6827     | 7210     | 6908     | 3.93   | cps   |
| Potassium  | 39-2  | 3366620  | 3341334  | 3413380  | 3373778  | 1.08   | cps   |
| Rhodium    | 103-1 | 4294942  | 4306919  | 4394503  | 4332121  | 1.25   | cps   |
| Rhodium    | 103-2 | 1672737  | 1652452  | 1672093  | 1665761  | 0.69   | cps   |
| Scandium   | 45-1  | 3311782  | 3324605  | 3312483  | 3316290  | 0.22   | cps   |
| Scandium   | 45-2  | 40672    | 40351    | 40756    | 40593    | 0.53   | cps   |
| Selenium   | 77-2  | 533      | 573      | 540      | 549      | 3.90   | cps   |
| Selenium   | 78-2  | 1891     | 1906     | 1806     | 1867     | 2.89   | cps   |
| Selenium   | 82-1  | 54500    | 54552    | 54694    | 54582    | 0.18   | cps   |
| Silicon    | 28-1  | 2217523  | 2218499  | 2218008  | 2218010  | 0.02   | cps   |
| Silver     | 109-1 | 3823856  | 3841164  | 3833615  | 3832878  | 0.23   | cps   |
| Silver     | 107-1 | 4014564  | 4058910  | 4069157  | 4047544  | 0.72   | cps   |
| Sodium     | 23-2  | 24711301 | 24699760 | 24788714 | 24733258 | 0.20   | cps   |
| Strontium  | 86-1  | 1053156  | 1060813  | 1055599  | 1056523  | 0.37   | cps   |
| Strontium  | 88-1  | 9244242  | 9265968  | 9246818  | 9252342  | 0.13   | cps   |
| Sulfur     | 34-1  | 642109   | 640882   | 643616   | 642202   | 0.21   | cps   |
| Terbium    | 159-1 | 5124866  | 5130258  | 5092045  | 5115723  | 0.40   | cps   |
| Terbium    | 159-2 | 1668447  | 1692876  | 1696339  | 1685887  | 0.90   | cps   |
| Thallium   | 203-1 | 2186395  | 2172090  | 2180578  | 2179688  | 0.33   | cps   |
| Thallium   | 205-1 | 5127019  | 5101436  | 5118798  | 5115751  | 0.26   | cps   |
| Tin        | 118-1 | 2537380  | 2560461  | 2539061  | 2545634  | 0.51   | cps   |
| Titanium   | 47-1  | 502760   | 501823   | 505103   | 503229   | 0.34   | cps   |
| Uranium    | 238-1 | 6370538  | 6266840  | 6361398  | 6332925  | 0.91   | cps   |
| Vanadium   | 51-2  | 440221   | 437031   | 439918   | 439057   | 0.40   | cps   |
| Yttrium    | 89-1  | 5123211  | 5165995  | 5133831  | 5141012  | 0.43   | cps   |
| Yttrium    | 89-2  | 256795   | 254845   | 259424   | 257021   | 0.89   | cps   |
| Zinc       | 66-2  | 199880   | 199231   | 201480   | 200197   | 0.58   | cps   |
| Zirconium  | 90-1  | 5403272  | 5423157  | 5425778  | 5417402  | 0.23   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 17:26:16 | DataFile Name :   | 056CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1192786 | 1203991 | 1189937 | 1195571 | 0.62   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:31:57 | DataFile Name :   | 057CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 42      | 25      | 31      | 31.50  | cps   |
| Antimony   | 121-1 | 433     | 392     | 500     | 442     | 12.37  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 4       | 3       | 34.64  | cps   |
| Barium     | 135-1 | 33      | 17      | 33      | 28      | 34.63  | cps   |
| Barium     | 137-1 | 50      | 17      | 75      | 47      | 61.97  | cps   |
| Beryllium  | 9-1   | 100     | 61      | 72      | 78      | 25.76  | cps   |
| Bismuth    | 209-1 | 2799864 | 2785634 | 2777377 | 2787625 | 0.41   | cps   |
| Bismuth    | 209-2 | 1242330 | 1232069 | 1245985 | 1240128 | 0.58   | cps   |
| Boron      | 10-1  | 1242    | 992     | 1192    | 1142    | 11.59  | cps   |
| Boron      | 11-1  | 5535    | 5435    | 4776    | 5248    | 7.85   | cps   |
| Cadmium    | 111-1 | 730     | 715     | 653     | 700     | 5.88   | cps   |
| Cadmium    | 106-1 | 1058    | 1008    | 933     | 1000    | 6.29   | cps   |
| Cadmium    | 108-1 | 21      | 4       | 13      | 13      | 66.64  | cps   |
| Calcium    | 43-1  | 3251    | 2884    | 2817    | 2984    | 7.82   | cps   |
| Calcium    | 44-1  | 54097   | 54339   | 55109   | 54515   | 0.97   | cps   |
| Chromium   | 52-2  | 943     | 1173    | 1003    | 1040    | 11.47  | cps   |
| Cobalt     | 59-2  | 43      | 53      | 53      | 50      | 11.55  | cps   |
| Copper     | 63-2  | 287     | 267     | 273     | 276     | 3.70   | cps   |
| Dysprosium | 156-1 | 42      | 8       | 8       | 19      | 99.00  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Gadolinium | 160-2 | 3       | 0       | 13      | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 4785420 | 4797317 | 4761490 | 4781409 | 0.38   | cps   |
| Holmium    | 165-2 | 1699226 | 1636025 | 1653214 | 1662821 | 1.97   | cps   |
| Indium     | 115-1 | 4713005 | 4614238 | 4581664 | 4636302 | 1.48   | cps   |
| Indium     | 115-2 | 333724  | 329009  | 333882  | 332205  | 0.83   | cps   |
| Iron       | 56-2  | 4706    | 4895    | 4401    | 4668    | 5.35   | cps   |
| Iron       | 57-2  | 100     | 133     | 128     | 120     | 14.84  | cps   |
| Lead       | 206-1 | 522     | 533     | 517     | 524     | 1.62   | cps   |
| Lead       | 207-1 | 489     | 411     | 522     | 474     | 12.03  | cps   |
| Lead       | 208-1 | 2061    | 2022    | 2089    | 2058    | 1.63   | cps   |
| Lithium    | 6-1   | 594047  | 592672  | 584834  | 590518  | 0.84   | cps   |
| Magnesium  | 24-2  | 192     | 167     | 142     | 167     | 15.00  | cps   |
| Manganese  | 55-2  | 77      | 70      | 97      | 81      | 17.11  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:31:57 | DataFile Name :   | 057CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 300     | 392     | 217     | 303     | 28.91   | cps   |
| Molybdenum | 95-1  | 50      | 50      | 25      | 42      | 34.64   | cps   |
| Molybdenum | 96-1  | 125     | 58      | 67      | 83      | 43.59   | cps   |
| Molybdenum | 97-1  | 50      | 42      | 67      | 53      | 24.12   | cps   |
| Molybdenum | 98-1  | 92      | 125     | 75      | 97      | 26.19   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 87      | 83      | 93      | 88      | 5.81    | cps   |
| Phosphorus | 31-2  | 17      | 8       | 0       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 4868    | 4576    | 4743    | 4729    | 3.10    | cps   |
| Rhodium    | 103-1 | 4572075 | 4544467 | 4568901 | 4561814 | 0.33    | cps   |
| Rhodium    | 103-2 | 1787525 | 1753201 | 1779664 | 1773463 | 1.01    | cps   |
| Scandium   | 45-1  | 3329322 | 3306304 | 3304571 | 3313399 | 0.42    | cps   |
| Scandium   | 45-2  | 39806   | 40151   | 39358   | 39772   | 1.00    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 6       | 2       | 2       | 3       | 69.39   | cps   |
| Selenium   | 82-1  | 56      | -22     | -116    | -27     | -317.60 | cps   |
| Silicon    | 28-1  | 396641  | 390836  | 391181  | 392886  | 0.83    | cps   |
| Silver     | 109-1 | 125     | 125     | 158     | 136     | 14.14   | cps   |
| Silver     | 107-1 | 150     | 200     | 167     | 172     | 14.78   | cps   |
| Sodium     | 23-2  | 10988   | 11205   | 10755   | 10983   | 2.05    | cps   |
| Strontium  | 86-1  | 1108    | 1300    | 1158    | 1189    | 8.36    | cps   |
| Strontium  | 88-1  | 242     | 258     | 150     | 217     | 26.92   | cps   |
| Sulfur     | 34-1  | 341691  | 343121  | 346905  | 343906  | 0.78    | cps   |
| Terbium    | 159-1 | 5079796 | 5117144 | 5085943 | 5094294 | 0.39    | cps   |
| Terbium    | 159-2 | 1646876 | 1624919 | 1634907 | 1635567 | 0.67    | cps   |
| Thallium   | 203-1 | 250     | 250     | 250     | 250     | 0.00    | cps   |
| Thallium   | 205-1 | 575     | 617     | 558     | 583     | 5.15    | cps   |
| Tin        | 118-1 | 833     | 867     | 925     | 875     | 5.30    | cps   |
| Titanium   | 47-1  | 92      | 100     | 133     | 108     | 20.35   | cps   |
| Uranium    | 238-1 | 33      | 8       | 33      | 25      | 57.74   | cps   |
| Vanadium   | 51-2  | 10      | 23      | 23      | 19      | 40.75   | cps   |
| Yttrium    | 89-1  | 5148148 | 5122188 | 5109001 | 5126446 | 0.39    | cps   |
| Yttrium    | 89-2  | 255445  | 254040  | 258438  | 255974  | 0.88    | cps   |
| Zinc       | 66-2  | 87      | 87      | 53      | 76      | 25.48   | cps   |
| Zirconium  | 90-1  | 825     | 700     | 808     | 778     | 8.73    | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:31:57 | DataFile Name :   | 057CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 117  | 125  | 161     | 43.38  | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#8 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#8 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:35:06 DataFile Name : 058SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 683     | 725     | 733     | 714     | 3.75   | cps   |
| Antimony   | 121-1 | 32516   | 33051   | 34128   | 33231   | 2.47   | cps   |
| Arsenic    | 75-2  | 722     | 743     | 743     | 736     | 1.60   | cps   |
| Barium     | 135-1 | 32082   | 32591   | 32157   | 32277   | 0.85   | cps   |
| Barium     | 137-1 | 56363   | 57434   | 56380   | 56726   | 1.08   | cps   |
| Beryllium  | 9-1   | 4957    | 4884    | 5007    | 4949    | 1.24   | cps   |
| Bismuth    | 209-1 | 2671114 | 2738664 | 2763307 | 2724362 | 1.75   | cps   |
| Bismuth    | 209-2 | 1245258 | 1223085 | 1229632 | 1232658 | 0.92   | cps   |
| Boron      | 10-1  | 1392    | 1508    | 1375    | 1425    | 5.10   | cps   |
| Boron      | 11-1  | 6702    | 6410    | 6677    | 6596    | 2.45   | cps   |
| Cadmium    | 111-1 | 8492    | 8354    | 8430    | 8426    | 0.82   | cps   |
| Cadmium    | 106-1 | 1709    | 1900    | 1959    | 1856    | 7.05   | cps   |
| Cadmium    | 108-1 | 467     | 463     | 538     | 489     | 8.62   | cps   |
| Calcium    | 43-1  | 13098   | 12673   | 12273   | 12681   | 3.26   | cps   |
| Calcium    | 44-1  | 208120  | 207038  | 203073  | 206077  | 1.29   | cps   |
| Chromium   | 52-2  | 6518    | 6658    | 6708    | 6628    | 1.49   | cps   |
| Cobalt     | 59-2  | 11301   | 11668   | 11775   | 11582   | 2.15   | cps   |
| Copper     | 63-2  | 20071   | 19941   | 20409   | 20140   | 1.20   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 17      | 8       | 19      | 65.47  | cps   |
| Erbium     | 164-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 42      | 42      | 58      | 47      | 20.38  | cps   |
| Gadolinium | 160-2 | 13      | 3       | 13      | 10      | 57.75  | cps   |
| Holmium    | 165-1 | 4630274 | 4700642 | 4722149 | 4684355 | 1.03   | cps   |
| Holmium    | 165-2 | 1644543 | 1629160 | 1643436 | 1639047 | 0.52   | cps   |
| Indium     | 115-1 | 4503356 | 4590511 | 4590157 | 4561342 | 1.10   | cps   |
| Indium     | 115-2 | 338791  | 332029  | 334333  | 335051  | 1.03   | cps   |
| Iron       | 56-2  | 194385  | 190758  | 193879  | 193007  | 1.02   | cps   |
| Iron       | 57-2  | 5001    | 4879    | 4823    | 4901    | 1.86   | cps   |
| Lead       | 206-1 | 16044   | 15588   | 15627   | 15753   | 1.61   | cps   |
| Lead       | 207-1 | 14976   | 14642   | 14375   | 14664   | 2.05   | cps   |
| Lead       | 208-1 | 65139   | 65100   | 64043   | 64761   | 0.96   | cps   |
| Lithium    | 6-1   | 561988  | 570626  | 575384  | 569333  | 1.19   | cps   |
| Magnesium  | 24-2  | 19222   | 19589   | 19189   | 19333   | 1.15   | cps   |
| Manganese  | 55-2  | 3407    | 3324    | 3531    | 3420    | 3.04   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#8        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#8        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:35:06 | DataFile Name :   | 058SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 26452   | 25525   | 25876   | 25951   | 1.80   | cps   |
| Molybdenum | 95-1  | 14934   | 14008   | 14625   | 14522   | 3.25   | cps   |
| Molybdenum | 96-1  | 18513   | 18956   | 18313   | 18594   | 1.77   | cps   |
| Molybdenum | 97-1  | 8928    | 9454    | 9045    | 9142    | 3.02   | cps   |
| Molybdenum | 98-1  | 23304   | 23805   | 23638   | 23582   | 1.08   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 40      | 18      | 108.23 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3601    | 3430    | 3551    | 3527    | 2.48   | cps   |
| Phosphorus | 31-2  | 58      | 33      | 92      | 61      | 47.89  | cps   |
| Potassium  | 39-2  | 11197   | 11038   | 10154   | 10796   | 5.20   | cps   |
| Rhodium    | 103-1 | 4381900 | 4552257 | 4531593 | 4488583 | 2.07   | cps   |
| Rhodium    | 103-2 | 1773211 | 1750857 | 1726515 | 1750195 | 1.33   | cps   |
| Scandium   | 45-1  | 3230446 | 3297293 | 3253616 | 3260452 | 1.04   | cps   |
| Scandium   | 45-2  | 40676   | 39943   | 39830   | 40150   | 1.14   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 35      | 33      | 26      | 31      | 15.56  | cps   |
| Selenium   | 82-1  | 511     | 352     | 467     | 443     | 18.48  | cps   |
| Silicon    | 28-1  | 410903  | 412435  | 406299  | 409879  | 0.78   | cps   |
| Silver     | 109-1 | 36283   | 35790   | 35339   | 35804   | 1.32   | cps   |
| Silver     | 107-1 | 38147   | 37060   | 38163   | 37790   | 1.67   | cps   |
| Sodium     | 23-2  | 57751   | 57400   | 55099   | 56750   | 2.54   | cps   |
| Strontium  | 86-1  | 11347   | 11038   | 10279   | 10888   | 5.05   | cps   |
| Strontium  | 88-1  | 82785   | 81678   | 82910   | 82458   | 0.82   | cps   |
| Sulfur     | 34-1  | 346534  | 344370  | 345088  | 345331  | 0.32   | cps   |
| Terbium    | 159-1 | 4903831 | 4973644 | 4944618 | 4940698 | 0.71   | cps   |
| Terbium    | 159-2 | 1660078 | 1644392 | 1614069 | 1639513 | 1.43   | cps   |
| Thallium   | 203-1 | 19658   | 19365   | 19725   | 19583   | 0.98   | cps   |
| Thallium   | 205-1 | 47088   | 45014   | 45808   | 45970   | 2.28   | cps   |
| Tin        | 118-1 | 23780   | 23789   | 23922   | 23830   | 0.33   | cps   |
| Titanium   | 47-1  | 4909    | 4426    | 5260    | 4865    | 8.61   | cps   |
| Uranium    | 238-1 | 56094   | 53776   | 54546   | 54805   | 2.15   | cps   |
| Vanadium   | 51-2  | 4237    | 4161    | 4031    | 4143    | 2.52   | cps   |
| Yttrium    | 89-1  | 4991503 | 5085421 | 5014936 | 5030620 | 0.97   | cps   |
| Yttrium    | 89-2  | 258119  | 251912  | 253245  | 254425  | 1.28   | cps   |
| Zinc       | 66-2  | 2117    | 2060    | 2157    | 2111    | 2.30   | cps   |
| Zirconium  | 90-1  | 49424   | 49140   | 48295   | 48953   | 1.20   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#8        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#8        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:35:06 | DataFile Name :   | 058SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10321 | 10463 | 10663 | 10482   | 1.64   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#9 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#9 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:38:17 DataFile Name : 059SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 933     | 700     | 717     | 783     | 16.62  | cps   |
| Antimony   | 121-1 | 33376   | 33786   | 33635   | 33599   | 0.62   | cps   |
| Arsenic    | 75-2  | 680     | 654     | 713     | 682     | 4.36   | cps   |
| Barium     | 135-1 | 31355   | 32257   | 31029   | 31547   | 2.02   | cps   |
| Barium     | 137-1 | 55986   | 55467   | 56614   | 56022   | 1.02   | cps   |
| Beryllium  | 9-1   | 4640    | 4801    | 4984    | 4808    | 3.59   | cps   |
| Bismuth    | 209-1 | 2738519 | 2734277 | 2723664 | 2732153 | 0.28   | cps   |
| Bismuth    | 209-2 | 1223326 | 1204806 | 1157150 | 1195094 | 2.86   | cps   |
| Boron      | 10-1  | 1242    | 1350    | 1267    | 1286    | 4.41   | cps   |
| Boron      | 11-1  | 5676    | 6152    | 6160    | 5996    | 4.62   | cps   |
| Cadmium    | 111-1 | 8421    | 8015    | 8218    | 8218    | 2.47   | cps   |
| Cadmium    | 106-1 | 1809    | 1675    | 1817    | 1767    | 4.50   | cps   |
| Cadmium    | 108-1 | 454     | 538     | 563     | 518     | 10.95  | cps   |
| Calcium    | 43-1  | 12631   | 12206   | 12314   | 12384   | 1.78   | cps   |
| Calcium    | 44-1  | 207141  | 205102  | 205871  | 206038  | 0.50   | cps   |
| Chromium   | 52-2  | 6698    | 6435    | 6728    | 6621    | 2.44   | cps   |
| Cobalt     | 59-2  | 11465   | 11728   | 11672   | 11622   | 1.19   | cps   |
| Copper     | 63-2  | 19771   | 19691   | 20095   | 19852   | 1.08   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 8       | 33      | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 8       | 67      | 33      | 36      | 81.06  | cps   |
| Gadolinium | 160-2 | 3       | 13      | 0       | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 4717676 | 4702478 | 4696181 | 4705445 | 0.23   | cps   |
| Holmium    | 165-2 | 1638731 | 1625069 | 1525464 | 1596421 | 3.87   | cps   |
| Indium     | 115-1 | 4572405 | 4535446 | 4567907 | 4558586 | 0.44   | cps   |
| Indium     | 115-2 | 334082  | 327641  | 316105  | 325942  | 2.79   | cps   |
| Iron       | 56-2  | 193625  | 192853  | 194323  | 193600  | 0.38   | cps   |
| Iron       | 57-2  | 4984    | 4945    | 4734    | 4888    | 2.75   | cps   |
| Lead       | 206-1 | 15810   | 15894   | 15832   | 15845   | 0.27   | cps   |
| Lead       | 207-1 | 14308   | 14531   | 14019   | 14286   | 1.80   | cps   |
| Lead       | 208-1 | 64460   | 64638   | 64622   | 64573   | 0.15   | cps   |
| Lithium    | 6-1   | 567185  | 577867  | 573740  | 572931  | 0.94   | cps   |
| Magnesium  | 24-2  | 19714   | 19205   | 20800   | 19906   | 4.09   | cps   |
| Manganese  | 55-2  | 3417    | 3410    | 3170    | 3333    | 4.22   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#9        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#9        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:38:17 | DataFile Name :   | 059SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 26126   | 26051   | 26193   | 26123   | 0.27   | cps   |
| Molybdenum | 95-1  | 14851   | 14600   | 15376   | 14942   | 2.65   | cps   |
| Molybdenum | 96-1  | 19365   | 19206   | 18830   | 19134   | 1.43   | cps   |
| Molybdenum | 97-1  | 9329    | 9604    | 9054    | 9329    | 2.95   | cps   |
| Molybdenum | 98-1  | 23463   | 24047   | 23722   | 23744   | 1.23   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 3547    | 3804    | 3404    | 3585    | 5.65   | cps   |
| Phosphorus | 31-2  | 117     | 67      | 58      | 81      | 39.16  | cps   |
| Potassium  | 39-2  | 10546   | 11021   | 11338   | 10969   | 3.64   | cps   |
| Rhodium    | 103-1 | 4481097 | 4497219 | 4495057 | 4491124 | 0.19   | cps   |
| Rhodium    | 103-2 | 1757975 | 1715490 | 1659333 | 1710932 | 2.89   | cps   |
| Scandium   | 45-1  | 3327690 | 3281816 | 3311528 | 3307011 | 0.70   | cps   |
| Scandium   | 45-2  | 39368   | 39873   | 37627   | 38956   | 3.02   | cps   |
| Selenium   | 77-2  | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 20      | 19      | 24      | 21      | 13.47  | cps   |
| Selenium   | 82-1  | 480     | 534     | 512     | 509     | 5.36   | cps   |
| Silicon    | 28-1  | 415513  | 413120  | 413207  | 413947  | 0.33   | cps   |
| Silver     | 109-1 | 35339   | 35247   | 35623   | 35403   | 0.55   | cps   |
| Silver     | 107-1 | 36525   | 38038   | 37411   | 37325   | 2.04   | cps   |
| Sodium     | 23-2  | 56103   | 56036   | 56312   | 56150   | 0.26   | cps   |
| Strontium  | 86-1  | 10379   | 10446   | 10079   | 10302   | 1.90   | cps   |
| Strontium  | 88-1  | 80831   | 81267   | 81485   | 81194   | 0.41   | cps   |
| Sulfur     | 34-1  | 348352  | 345021  | 344456  | 345943  | 0.61   | cps   |
| Terbium    | 159-1 | 5015785 | 4981333 | 5044312 | 5013810 | 0.63   | cps   |
| Terbium    | 159-2 | 1622537 | 1605029 | 1541533 | 1589700 | 2.68   | cps   |
| Thallium   | 203-1 | 19040   | 19315   | 20359   | 19571   | 3.55   | cps   |
| Thallium   | 205-1 | 45224   | 45600   | 46478   | 45767   | 1.41   | cps   |
| Tin        | 118-1 | 23238   | 22912   | 24273   | 23474   | 3.03   | cps   |
| Titanium   | 47-1  | 5043    | 4251    | 5001    | 4765    | 9.35   | cps   |
| Uranium    | 238-1 | 54847   | 54855   | 54639   | 54780   | 0.22   | cps   |
| Vanadium   | 51-2  | 4017    | 4151    | 3871    | 4013    | 3.49   | cps   |
| Yttrium    | 89-1  | 5063601 | 5026146 | 5077476 | 5055741 | 0.53   | cps   |
| Yttrium    | 89-2  | 253020  | 251785  | 242178  | 248995  | 2.38   | cps   |
| Zinc       | 66-2  | 2190    | 2197    | 2180    | 2189    | 0.38   | cps   |
| Zirconium  | 90-1  | 49876   | 48997   | 49299   | 49391   | 0.90   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#9        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#9        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:38:17 | DataFile Name :   | 059SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11264 | 11188 | 10730 | 11061   | 2.61   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#10 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#10 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:41:27 DataFile Name : 060SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 667     | 742     | 733     | 714     | 5.76   | cps   |
| Antimony   | 121-1 | 33827   | 33042   | 33944   | 33604   | 1.46   | cps   |
| Arsenic    | 75-2  | 726     | 685     | 761     | 724     | 5.25   | cps   |
| Barium     | 135-1 | 32432   | 33251   | 31730   | 32471   | 2.34   | cps   |
| Barium     | 137-1 | 55952   | 56631   | 55593   | 56059   | 0.94   | cps   |
| Beryllium  | 9-1   | 4912    | 5040    | 5196    | 5049    | 2.81   | cps   |
| Bismuth    | 209-1 | 2690300 | 2527660 | 2670913 | 2629624 | 3.38   | cps   |
| Bismuth    | 209-2 | 1215341 | 1199919 | 1212094 | 1209118 | 0.67   | cps   |
| Boron      | 10-1  | 1158    | 1150    | 1217    | 1175    | 3.09   | cps   |
| Boron      | 11-1  | 5593    | 5176    | 5343    | 5371    | 3.91   | cps   |
| Cadmium    | 111-1 | 8135    | 8511    | 7850    | 8165    | 4.06   | cps   |
| Cadmium    | 106-1 | 1734    | 1867    | 1483    | 1695    | 11.49  | cps   |
| Cadmium    | 108-1 | 467     | 521     | 517     | 501     | 6.01   | cps   |
| Calcium    | 43-1  | 12731   | 11664   | 12415   | 12270   | 4.47   | cps   |
| Calcium    | 44-1  | 206709  | 204198  | 209948  | 206952  | 1.39   | cps   |
| Chromium   | 52-2  | 6802    | 6945    | 6698    | 6815    | 1.82   | cps   |
| Cobalt     | 59-2  | 11475   | 11335   | 11385   | 11398   | 0.62   | cps   |
| Copper     | 63-2  | 19481   | 19891   | 20208   | 19860   | 1.84   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 50      | 25      | 8       | 28      | 75.51  | cps   |
| Erbium     | 164-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 50      | 75      | 33      | 53      | 39.74  | cps   |
| Gadolinium | 160-2 | 10      | 20      | 7       | 12      | 56.76  | cps   |
| Holmium    | 165-1 | 4702523 | 4391274 | 4660895 | 4584897 | 3.69   | cps   |
| Holmium    | 165-2 | 1650786 | 1600453 | 1644969 | 1632069 | 1.69   | cps   |
| Indium     | 115-1 | 4533257 | 4292251 | 4480749 | 4435419 | 2.86   | cps   |
| Indium     | 115-2 | 330627  | 327388  | 328319  | 328778  | 0.51   | cps   |
| Iron       | 56-2  | 192312  | 193681  | 191936  | 192643  | 0.48   | cps   |
| Iron       | 57-2  | 4895    | 4929    | 5107    | 4977    | 2.28   | cps   |
| Lead       | 206-1 | 15905   | 15043   | 15983   | 15643   | 3.34   | cps   |
| Lead       | 207-1 | 13852   | 14025   | 13747   | 13875   | 1.01   | cps   |
| Lead       | 208-1 | 63380   | 62367   | 64099   | 63282   | 1.37   | cps   |
| Lithium    | 6-1   | 565394  | 527265  | 562949  | 551869  | 3.87   | cps   |
| Magnesium  | 24-2  | 19147   | 20040   | 19523   | 19570   | 2.29   | cps   |
| Manganese  | 55-2  | 3604    | 3250    | 3420    | 3425    | 5.16   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#10       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#10       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:41:27 | DataFile Name :   | 060SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25383   | 25784   | 25366   | 25511   | 0.93   | cps   |
| Molybdenum | 95-1  | 14425   | 14683   | 14325   | 14478   | 1.28   | cps   |
| Molybdenum | 96-1  | 18864   | 18997   | 18547   | 18803   | 1.23   | cps   |
| Molybdenum | 97-1  | 9445    | 10163   | 9470    | 9693    | 4.20   | cps   |
| Molybdenum | 98-1  | 22828   | 23989   | 22954   | 23257   | 2.74   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 20      | 16      | 49.47  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3684    | 3360    | 3601    | 3548    | 4.73   | cps   |
| Phosphorus | 31-2  | 83      | 100     | 75      | 86      | 14.79  | cps   |
| Potassium  | 39-2  | 10596   | 10888   | 11113   | 10866   | 2.39   | cps   |
| Rhodium    | 103-1 | 4511346 | 4177891 | 4447015 | 4378750 | 4.04   | cps   |
| Rhodium    | 103-2 | 1757810 | 1741613 | 1741796 | 1747073 | 0.53   | cps   |
| Scandium   | 45-1  | 3321663 | 3077472 | 3297690 | 3232275 | 4.16   | cps   |
| Scandium   | 45-2  | 40472   | 40004   | 40044   | 40173   | 0.65   | cps   |
| Selenium   | 77-2  | 0       | 10      | 17      | 9       | 94.38  | cps   |
| Selenium   | 78-2  | 33      | 26      | 19      | 26      | 28.56  | cps   |
| Selenium   | 82-1  | 478     | 444     | 589     | 504     | 15.10  | cps   |
| Silicon    | 28-1  | 409632  | 406207  | 409105  | 408314  | 0.45   | cps   |
| Silver     | 109-1 | 34947   | 34871   | 35155   | 34991   | 0.42   | cps   |
| Silver     | 107-1 | 38172   | 37144   | 38640   | 37985   | 2.01   | cps   |
| Sodium     | 23-2  | 55384   | 55660   | 55317   | 55453   | 0.33   | cps   |
| Strontium  | 86-1  | 10563   | 11072   | 10296   | 10643   | 3.70   | cps   |
| Strontium  | 88-1  | 83229   | 80815   | 80840   | 81628   | 1.70   | cps   |
| Sulfur     | 34-1  | 342132  | 343379  | 343970  | 343160  | 0.27   | cps   |
| Terbium    | 159-1 | 5045266 | 4687134 | 4923903 | 4885434 | 3.73   | cps   |
| Terbium    | 159-2 | 1598649 | 1598134 | 1622796 | 1606527 | 0.88   | cps   |
| Thallium   | 203-1 | 19708   | 19758   | 19783   | 19750   | 0.19   | cps   |
| Thallium   | 205-1 | 45315   | 45626   | 45249   | 45397   | 0.44   | cps   |
| Tin        | 118-1 | 23096   | 22528   | 23062   | 22895   | 1.39   | cps   |
| Titanium   | 47-1  | 4601    | 4776    | 4868    | 4748    | 2.85   | cps   |
| Uranium    | 238-1 | 53382   | 52897   | 53960   | 53413   | 1.00   | cps   |
| Vanadium   | 51-2  | 4011    | 3974    | 4087    | 4024    | 1.44   | cps   |
| Yttrium    | 89-1  | 5017650 | 4688262 | 5073051 | 4926321 | 4.22   | cps   |
| Yttrium    | 89-2  | 255797  | 250234  | 253749  | 253260  | 1.11   | cps   |
| Zinc       | 66-2  | 2157    | 2210    | 2060    | 2142    | 3.55   | cps   |
| Zirconium  | 90-1  | 49784   | 48755   | 49181   | 49240   | 1.05   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#10       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#10       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:41:27 | DataFile Name :   | 060SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10321 | 10671 | 10521 | 10505   | 1.67   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#11       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#11       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:44:38 | DataFile Name :   | 061SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 783     | 750     | 867     | 800     | 7.51   | cps   |
| Antimony   | 121-1 | 32716   | 33167   | 32323   | 32735   | 1.29   | cps   |
| Arsenic    | 75-2  | 739     | 763     | 646     | 716     | 8.60   | cps   |
| Barium     | 135-1 | 32625   | 29943   | 32366   | 31644   | 4.67   | cps   |
| Barium     | 137-1 | 57007   | 55912   | 55735   | 56218   | 1.23   | cps   |
| Beryllium  | 9-1   | 4829    | 5051    | 4857    | 4912    | 2.47   | cps   |
| Bismuth    | 209-1 | 2694434 | 2715371 | 2643582 | 2684462 | 1.38   | cps   |
| Bismuth    | 209-2 | 1213687 | 1209524 | 1152844 | 1192018 | 2.85   | cps   |
| Boron      | 10-1  | 1283    | 1317    | 1108    | 1236    | 9.05   | cps   |
| Boron      | 11-1  | 5493    | 5185    | 4934    | 5204    | 5.38   | cps   |
| Cadmium    | 111-1 | 7868    | 8094    | 7876    | 7946    | 1.61   | cps   |
| Cadmium    | 106-1 | 1700    | 1817    | 1492    | 1670    | 9.86   | cps   |
| Cadmium    | 108-1 | 588     | 513     | 488     | 529     | 9.84   | cps   |
| Calcium    | 43-1  | 12381   | 12322   | 11222   | 11975   | 5.45   | cps   |
| Calcium    | 44-1  | 205195  | 203955  | 200877  | 203342  | 1.09   | cps   |
| Chromium   | 52-2  | 6965    | 6828    | 6778    | 6857    | 1.41   | cps   |
| Cobalt     | 59-2  | 11815   | 11485   | 11698   | 11666   | 1.44   | cps   |
| Copper     | 63-2  | 20382   | 19748   | 20055   | 20061   | 1.58   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 17      | 42      | 50      | 36      | 48.03  | cps   |
| Gadolinium | 160-2 | 7       | 20      | 3       | 10      | 88.20  | cps   |
| Holmium    | 165-1 | 4688148 | 4669930 | 4521296 | 4626458 | 1.98   | cps   |
| Holmium    | 165-2 | 1646167 | 1651010 | 1526541 | 1607906 | 4.38   | cps   |
| Indium     | 115-1 | 4555994 | 4571829 | 4501550 | 4543125 | 0.81   | cps   |
| Indium     | 115-2 | 327322  | 328697  | 316465  | 324161  | 2.07   | cps   |
| Iron       | 56-2  | 194307  | 192786  | 194464  | 193852  | 0.48   | cps   |
| Iron       | 57-2  | 5062    | 4495    | 4840    | 4799    | 5.95   | cps   |
| Lead       | 206-1 | 15699   | 15905   | 15760   | 15788   | 0.67   | cps   |
| Lead       | 207-1 | 14425   | 13669   | 13741   | 13945   | 2.99   | cps   |
| Lead       | 208-1 | 63803   | 62723   | 62940   | 63155   | 0.90   | cps   |
| Lithium    | 6-1   | 566620  | 564289  | 550877  | 560596  | 1.52   | cps   |
| Magnesium  | 24-2  | 19347   | 20324   | 19648   | 19773   | 2.53   | cps   |
| Manganese  | 55-2  | 3294    | 3587    | 3297    | 3393    | 4.97   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#11       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#11       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:44:38 | DataFile Name :   | 061SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25750   | 27454   | 26193   | 26466   | 3.34   | cps   |
| Molybdenum | 95-1  | 14901   | 15059   | 14867   | 14942   | 0.69   | cps   |
| Molybdenum | 96-1  | 19056   | 18864   | 18113   | 18677   | 2.67   | cps   |
| Molybdenum | 97-1  | 9229    | 8561    | 9354    | 9048    | 4.71   | cps   |
| Molybdenum | 98-1  | 23705   | 23905   | 22720   | 23443   | 2.71   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3644    | 3551    | 3444    | 3546    | 2.82   | cps   |
| Phosphorus | 31-2  | 75      | 67      | 125     | 89      | 35.50  | cps   |
| Potassium  | 39-2  | 10880   | 10780   | 10096   | 10585   | 4.03   | cps   |
| Rhodium    | 103-1 | 4503995 | 4516389 | 4481838 | 4500741 | 0.39   | cps   |
| Rhodium    | 103-2 | 1745752 | 1718082 | 1657695 | 1707176 | 2.64   | cps   |
| Scandium   | 45-1  | 3271959 | 3268688 | 3281486 | 3274044 | 0.20   | cps   |
| Scandium   | 45-2  | 40298   | 39940   | 38894   | 39711   | 1.84   | cps   |
| Selenium   | 77-2  | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Selenium   | 78-2  | 17      | 15      | 22      | 18      | 21.54  | cps   |
| Selenium   | 82-1  | 550     | 570     | 533     | 551     | 3.35   | cps   |
| Silicon    | 28-1  | 418383  | 415494  | 407876  | 413918  | 1.31   | cps   |
| Silver     | 109-1 | 36417   | 35415   | 34771   | 35534   | 2.33   | cps   |
| Silver     | 107-1 | 37587   | 37646   | 37838   | 37690   | 0.35   | cps   |
| Sodium     | 23-2  | 56697   | 56496   | 55894   | 56362   | 0.74   | cps   |
| Strontium  | 86-1  | 10972   | 9854    | 10179   | 10335   | 5.56   | cps   |
| Strontium  | 88-1  | 82533   | 81560   | 79716   | 81270   | 1.76   | cps   |
| Sulfur     | 34-1  | 338620  | 336984  | 338968  | 338191  | 0.31   | cps   |
| Terbium    | 159-1 | 5000196 | 4872874 | 4892569 | 4921880 | 1.39   | cps   |
| Terbium    | 159-2 | 1642800 | 1600207 | 1512430 | 1585146 | 4.19   | cps   |
| Thallium   | 203-1 | 19174   | 19382   | 18915   | 19157   | 1.22   | cps   |
| Thallium   | 205-1 | 46495   | 46102   | 44856   | 45818   | 1.87   | cps   |
| Tin        | 118-1 | 23839   | 22202   | 23304   | 23115   | 3.61   | cps   |
| Titanium   | 47-1  | 4909    | 4784    | 4918    | 4871    | 1.53   | cps   |
| Uranium    | 238-1 | 53566   | 53006   | 53750   | 53441   | 0.73   | cps   |
| Vanadium   | 51-2  | 4141    | 4107    | 3997    | 4082    | 1.84   | cps   |
| Yttrium    | 89-1  | 5045065 | 5052086 | 4986704 | 5027952 | 0.71   | cps   |
| Yttrium    | 89-2  | 255205  | 253220  | 243288  | 250571  | 2.55   | cps   |
| Zinc       | 66-2  | 1987    | 2017    | 2117    | 2040    | 3.34   | cps   |
| Zirconium  | 90-1  | 49056   | 49424   | 48763   | 49081   | 0.67   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#11       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#11       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:44:38 | DataFile Name :   | 061SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10863 | 11188 | 10480 | 10844   | 3.27   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 700     | 750     | 758     | 736     | 4.29   | cps   |
| Antimony   | 121-1 | 32666   | 32641   | 31847   | 32385   | 1.44   | cps   |
| Arsenic    | 75-2  | 685     | 678     | 694     | 686     | 1.22   | cps   |
| Barium     | 135-1 | 32750   | 31463   | 32633   | 32282   | 2.20   | cps   |
| Barium     | 137-1 | 55618   | 54773   | 54956   | 55116   | 0.81   | cps   |
| Beryllium  | 9-1   | 4868    | 4612    | 4934    | 4805    | 3.54   | cps   |
| Bismuth    | 209-1 | 2610915 | 2573383 | 2647500 | 2610599 | 1.42   | cps   |
| Bismuth    | 209-2 | 1211485 | 1196876 | 1182300 | 1196887 | 1.22   | cps   |
| Boron      | 10-1  | 950     | 1083    | 1300    | 1111    | 15.90  | cps   |
| Boron      | 11-1  | 4393    | 4859    | 4784    | 4679    | 5.36   | cps   |
| Cadmium    | 111-1 | 7930    | 8222    | 8282    | 8145    | 2.31   | cps   |
| Cadmium    | 106-1 | 1809    | 1634    | 1842    | 1761    | 6.35   | cps   |
| Cadmium    | 108-1 | 500     | 588     | 579     | 556     | 8.69   | cps   |
| Calcium    | 43-1  | 12389   | 12389   | 11630   | 12136   | 3.61   | cps   |
| Calcium    | 44-1  | 204791  | 206246  | 203371  | 204802  | 0.70   | cps   |
| Chromium   | 52-2  | 6622    | 6908    | 6878    | 6803    | 2.32   | cps   |
| Cobalt     | 59-2  | 11585   | 11628   | 11338   | 11517   | 1.36   | cps   |
| Copper     | 63-2  | 19614   | 19457   | 19988   | 19686   | 1.39   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 33      | 17      | 86.62  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 17      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 50      | 50      | 25      | 42      | 34.64  | cps   |
| Gadolinium | 160-2 | 17      | 10      | 10      | 12      | 31.50  | cps   |
| Holmium    | 165-1 | 4494539 | 4572996 | 4606525 | 4558020 | 1.26   | cps   |
| Holmium    | 165-2 | 1584330 | 1582634 | 1576123 | 1581029 | 0.27   | cps   |
| Indium     | 115-1 | 4480798 | 4420686 | 4566808 | 4489431 | 1.64   | cps   |
| Indium     | 115-2 | 327879  | 329613  | 326552  | 328015  | 0.47   | cps   |
| Iron       | 56-2  | 193140  | 191581  | 190876  | 191865  | 0.60   | cps   |
| Iron       | 57-2  | 4918    | 4651    | 4923    | 4831    | 3.22   | cps   |
| Lead       | 206-1 | 15782   | 15582   | 15532   | 15632   | 0.85   | cps   |
| Lead       | 207-1 | 14014   | 13724   | 13925   | 13888   | 1.07   | cps   |
| Lead       | 208-1 | 63564   | 62712   | 62144   | 62807   | 1.14   | cps   |
| Lithium    | 6-1   | 547946  | 546228  | 557891  | 550688  | 1.14   | cps   |
| Magnesium  | 24-2  | 19923   | 19264   | 19748   | 19645   | 1.74   | cps   |
| Manganese  | 55-2  | 3137    | 3330    | 3254    | 3240    | 3.01   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 26585   | 25959   | 25491   | 26012   | 2.11   | cps   |
| Molybdenum | 95-1  | 15151   | 15051   | 14900   | 15034   | 0.84   | cps   |
| Molybdenum | 96-1  | 18780   | 18664   | 18680   | 18708   | 0.34   | cps   |
| Molybdenum | 97-1  | 8970    | 9345    | 9570    | 9295    | 3.26   | cps   |
| Molybdenum | 98-1  | 23864   | 22712   | 23705   | 23427   | 2.67   | cps   |
| Neodymium  | 150-1 | 20      | 27      | 13      | 20      | 33.35  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3257    | 3667    | 3591    | 3505    | 6.22   | cps   |
| Phosphorus | 31-2  | 75      | 125     | 100     | 100     | 25.00  | cps   |
| Potassium  | 39-2  | 10646   | 9829    | 10504   | 10326   | 4.23   | cps   |
| Rhodium    | 103-1 | 4296738 | 4350826 | 4509028 | 4385531 | 2.52   | cps   |
| Rhodium    | 103-2 | 1728751 | 1744434 | 1726382 | 1733189 | 0.57   | cps   |
| Scandium   | 45-1  | 3224115 | 3249905 | 3273033 | 3249018 | 0.75   | cps   |
| Scandium   | 45-2  | 40321   | 40341   | 39292   | 39985   | 1.50   | cps   |
| Selenium   | 77-2  | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Selenium   | 78-2  | 9       | 31      | 20      | 20      | 54.54  | cps   |
| Selenium   | 82-1  | 520     | 493     | 450     | 487     | 7.26   | cps   |
| Silicon    | 28-1  | 408385  | 412985  | 409509  | 410293  | 0.58   | cps   |
| Silver     | 109-1 | 35740   | 34738   | 34554   | 35011   | 1.82   | cps   |
| Silver     | 107-1 | 36901   | 37403   | 37495   | 37266   | 0.86   | cps   |
| Sodium     | 23-2  | 54388   | 55802   | 55418   | 55202   | 1.32   | cps   |
| Strontium  | 86-1  | 10446   | 11473   | 10571   | 10830   | 5.18   | cps   |
| Strontium  | 88-1  | 81008   | 81342   | 80479   | 80943   | 0.54   | cps   |
| Sulfur     | 34-1  | 336930  | 339099  | 335841  | 337290  | 0.49   | cps   |
| Terbium    | 159-1 | 4793008 | 4803515 | 4972068 | 4856197 | 2.07   | cps   |
| Terbium    | 159-2 | 1593425 | 1599346 | 1569950 | 1587574 | 0.98   | cps   |
| Thallium   | 203-1 | 20735   | 19649   | 18606   | 19663   | 5.41   | cps   |
| Thallium   | 205-1 | 45918   | 45216   | 45675   | 45603   | 0.78   | cps   |
| Tin        | 118-1 | 23864   | 23480   | 23522   | 23622   | 0.89   | cps   |
| Titanium   | 47-1  | 4768    | 4718    | 4034    | 4507    | 9.10   | cps   |
| Uranium    | 238-1 | 53507   | 52203   | 52822   | 52844   | 1.24   | cps   |
| Vanadium   | 51-2  | 3967    | 4181    | 3994    | 4047    | 2.87   | cps   |
| Yttrium    | 89-1  | 4896660 | 4892530 | 5036805 | 4941998 | 1.66   | cps   |
| Yttrium    | 89-2  | 251025  | 251914  | 249671  | 250870  | 0.45   | cps   |
| Zinc       | 66-2  | 2084    | 2014    | 2080    | 2059    | 1.92   | cps   |
| Zirconium  | 90-1  | 48705   | 47635   | 48998   | 48446   | 1.48   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#12       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#12       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:47:49 | DataFile Name :   | 062SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11730 | 10663 | 10730 | 11041   | 5.42   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Water#13 Instrumnet Name : P8  
 Client Sample ID : 6020 Water#13 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 17:50:59 DataFile Name : 063SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 850     | 692     | 792     | 778     | 10.30  | cps   |
| Antimony   | 121-1 | 32942   | 32457   | 31730   | 32376   | 1.88   | cps   |
| Arsenic    | 75-2  | 715     | 715     | 715     | 715     | 0.00   | cps   |
| Barium     | 135-1 | 31631   | 31630   | 31229   | 31497   | 0.74   | cps   |
| Barium     | 137-1 | 55208   | 55526   | 53510   | 54748   | 1.98   | cps   |
| Beryllium  | 9-1   | 4968    | 4718    | 4718    | 4801    | 3.01   | cps   |
| Bismuth    | 209-1 | 2662404 | 2685780 | 2630068 | 2659417 | 1.05   | cps   |
| Bismuth    | 209-2 | 1197709 | 1124982 | 1174955 | 1165882 | 3.19   | cps   |
| Boron      | 10-1  | 875     | 975     | 917     | 922     | 5.45   | cps   |
| Boron      | 11-1  | 4634    | 4784    | 4951    | 4790    | 3.31   | cps   |
| Cadmium    | 111-1 | 8116    | 8028    | 7740    | 7961    | 2.47   | cps   |
| Cadmium    | 106-1 | 1625    | 1742    | 1617    | 1661    | 4.21   | cps   |
| Cadmium    | 108-1 | 558     | 467     | 467     | 497     | 10.64  | cps   |
| Calcium    | 43-1  | 12389   | 12314   | 11722   | 12142   | 3.01   | cps   |
| Calcium    | 44-1  | 203005  | 202238  | 203462  | 202901  | 0.30   | cps   |
| Chromium   | 52-2  | 6655    | 6378    | 6775    | 6603    | 3.08   | cps   |
| Cobalt     | 59-2  | 11518   | 11458   | 11565   | 11514   | 0.47   | cps   |
| Copper     | 63-2  | 20348   | 20382   | 19921   | 20217   | 1.27   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 33      | 19      | 65.47  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 13      | 7       | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 50      | 56      | 17.32  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 4583035 | 4533948 | 4608879 | 4575287 | 0.83   | cps   |
| Holmium    | 165-2 | 1641648 | 1465364 | 1556280 | 1554431 | 5.67   | cps   |
| Indium     | 115-1 | 4522107 | 4487542 | 4511906 | 4507185 | 0.39   | cps   |
| Indium     | 115-2 | 325271  | 305678  | 322415  | 317788  | 3.33   | cps   |
| Iron       | 56-2  | 192607  | 190495  | 190859  | 191320  | 0.59   | cps   |
| Iron       | 57-2  | 4756    | 4612    | 4656    | 4675    | 1.58   | cps   |
| Lead       | 206-1 | 15721   | 15387   | 15632   | 15580   | 1.11   | cps   |
| Lead       | 207-1 | 14520   | 13808   | 14203   | 14177   | 2.52   | cps   |
| Lead       | 208-1 | 64293   | 62718   | 62534   | 63182   | 1.53   | cps   |
| Lithium    | 6-1   | 553726  | 547025  | 553949  | 551566  | 0.71   | cps   |
| Magnesium  | 24-2  | 19723   | 19022   | 18880   | 19208   | 2.35   | cps   |
| Manganese  | 55-2  | 3377    | 3397    | 3404    | 3393    | 0.41   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#13       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#13       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:50:59 | DataFile Name :   | 063SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 26251   | 25057   | 25734   | 25681   | 2.33   | cps   |
| Molybdenum | 95-1  | 15092   | 14425   | 14683   | 14734   | 2.28   | cps   |
| Molybdenum | 96-1  | 18338   | 17796   | 18705   | 18280   | 2.50   | cps   |
| Molybdenum | 97-1  | 8978    | 9020    | 9003    | 9001    | 0.23   | cps   |
| Molybdenum | 98-1  | 23346   | 23037   | 23396   | 23260   | 0.84   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 13      | 18      | 43.33  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3457    | 3430    | 3647    | 3512    | 3.37   | cps   |
| Phosphorus | 31-2  | 117     | 42      | 100     | 86      | 45.73  | cps   |
| Potassium  | 39-2  | 10955   | 11238   | 10546   | 10913   | 3.19   | cps   |
| Rhodium    | 103-1 | 4431728 | 4404841 | 4418572 | 4418380 | 0.30   | cps   |
| Rhodium    | 103-2 | 1747884 | 1627100 | 1701255 | 1692080 | 3.60   | cps   |
| Scandium   | 45-1  | 3283540 | 3245721 | 3300319 | 3276527 | 0.85   | cps   |
| Scandium   | 45-2  | 39158   | 37019   | 38854   | 38344   | 3.02   | cps   |
| Selenium   | 77-2  | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 22      | 28      | 19      | 23      | 20.41  | cps   |
| Selenium   | 82-1  | 541     | 454     | 563     | 519     | 11.08  | cps   |
| Silicon    | 28-1  | 415846  | 405661  | 408816  | 410108  | 1.27   | cps   |
| Silver     | 109-1 | 34921   | 34579   | 35606   | 35035   | 1.49   | cps   |
| Silver     | 107-1 | 37445   | 36200   | 37946   | 37197   | 2.42   | cps   |
| Sodium     | 23-2  | 56196   | 55083   | 55375   | 55551   | 1.04   | cps   |
| Strontium  | 86-1  | 10563   | 10630   | 10221   | 10471   | 2.09   | cps   |
| Strontium  | 88-1  | 81535   | 80127   | 79624   | 80429   | 1.23   | cps   |
| Sulfur     | 34-1  | 336903  | 335668  | 333323  | 335298  | 0.54   | cps   |
| Terbium    | 159-1 | 4840220 | 4823820 | 4933955 | 4865998 | 1.22   | cps   |
| Terbium    | 159-2 | 1584114 | 1512671 | 1550355 | 1549047 | 2.31   | cps   |
| Thallium   | 203-1 | 19533   | 18531   | 18614   | 18893   | 2.94   | cps   |
| Thallium   | 205-1 | 45157   | 43249   | 43702   | 44036   | 2.26   | cps   |
| Tin        | 118-1 | 22395   | 22578   | 22645   | 22539   | 0.58   | cps   |
| Titanium   | 47-1  | 5135    | 4584    | 5051    | 4923    | 6.02   | cps   |
| Uranium    | 238-1 | 52755   | 54286   | 52880   | 53307   | 1.59   | cps   |
| Vanadium   | 51-2  | 4041    | 4024    | 3947    | 4004    | 1.24   | cps   |
| Yttrium    | 89-1  | 4985386 | 4975878 | 5002152 | 4987805 | 0.27   | cps   |
| Yttrium    | 89-2  | 251466  | 236140  | 251151  | 246252  | 3.56   | cps   |
| Zinc       | 66-2  | 2044    | 2087    | 2164    | 2098    | 2.90   | cps   |
| Zirconium  | 90-1  | 48162   | 47074   | 47007   | 47414   | 1.37   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#13       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#13       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:50:59 | DataFile Name :   | 063SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11339 | 10329 | 11113 | 10927   | 4.85   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 808     | 692     | 858     | 786     | 10.88  | cps   |
| Antimony   | 121-1 | 33042   | 32206   | 33685   | 32978   | 2.25   | cps   |
| Arsenic    | 75-2  | 704     | 713     | 689     | 702     | 1.73   | cps   |
| Barium     | 135-1 | 31062   | 31630   | 30820   | 31171   | 1.33   | cps   |
| Barium     | 137-1 | 55459   | 54061   | 53576   | 54366   | 1.80   | cps   |
| Beryllium  | 9-1   | 5012    | 4895    | 4918    | 4942    | 1.25   | cps   |
| Bismuth    | 209-1 | 2604643 | 2689711 | 2619736 | 2638030 | 1.72   | cps   |
| Bismuth    | 209-2 | 1191119 | 1186917 | 1199239 | 1192425 | 0.53   | cps   |
| Boron      | 10-1  | 933     | 842     | 833     | 870     | 6.38   | cps   |
| Boron      | 11-1  | 4359    | 4234    | 4693    | 4429    | 5.35   | cps   |
| Cadmium    | 111-1 | 7932    | 8113    | 8061    | 8036    | 1.16   | cps   |
| Cadmium    | 106-1 | 1575    | 1825    | 1608    | 1670    | 8.13   | cps   |
| Cadmium    | 108-1 | 550     | 488     | 638     | 558     | 13.50  | cps   |
| Calcium    | 43-1  | 12348   | 11947   | 11755   | 12017   | 2.51   | cps   |
| Calcium    | 44-1  | 206465  | 203905  | 202248  | 204206  | 1.04   | cps   |
| Chromium   | 52-2  | 6745    | 6508    | 7159    | 6804    | 4.84   | cps   |
| Cobalt     | 59-2  | 11348   | 11208   | 11645   | 11400   | 1.96   | cps   |
| Copper     | 63-2  | 19427   | 19731   | 19631   | 19596   | 0.79   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Erbium     | 164-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 50      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 4542724 | 4616337 | 4542972 | 4567345 | 0.93   | cps   |
| Holmium    | 165-2 | 1631389 | 1598479 | 1591006 | 1606958 | 1.34   | cps   |
| Indium     | 115-1 | 4490057 | 4492570 | 4495033 | 4492553 | 0.06   | cps   |
| Indium     | 115-2 | 325771  | 325914  | 328066  | 326584  | 0.39   | cps   |
| Iron       | 56-2  | 192425  | 188371  | 191446  | 190747  | 1.11   | cps   |
| Iron       | 57-2  | 4996    | 4873    | 4834    | 4901    | 1.72   | cps   |
| Lead       | 206-1 | 15488   | 14959   | 15026   | 15158   | 1.90   | cps   |
| Lead       | 207-1 | 13875   | 13224   | 13775   | 13624   | 2.57   | cps   |
| Lead       | 208-1 | 62044   | 61511   | 61872   | 61809   | 0.44   | cps   |
| Lithium    | 6-1   | 550403  | 545450  | 556910  | 550921  | 1.04   | cps   |
| Magnesium  | 24-2  | 19197   | 19706   | 20023   | 19642   | 2.12   | cps   |
| Manganese  | 55-2  | 3284    | 3260    | 3477    | 3340    | 3.56   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25174   | 24506   | 25325   | 25002   | 1.74   | cps   |
| Molybdenum | 95-1  | 14625   | 14208   | 14575   | 14469   | 1.57   | cps   |
| Molybdenum | 96-1  | 18605   | 18347   | 18463   | 18472   | 0.70   | cps   |
| Molybdenum | 97-1  | 8778    | 9479    | 9712    | 9323    | 5.21   | cps   |
| Molybdenum | 98-1  | 23238   | 23738   | 23730   | 23569   | 1.22   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 20      | 11      | 69.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3344    | 3410    | 3571    | 3442    | 3.39   | cps   |
| Phosphorus | 31-2  | 100     | 92      | 83      | 92      | 9.09   | cps   |
| Potassium  | 39-2  | 10563   | 10429   | 10488   | 10493   | 0.64   | cps   |
| Rhodium    | 103-1 | 4438286 | 4498712 | 4406062 | 4447687 | 1.06   | cps   |
| Rhodium    | 103-2 | 1733951 | 1728787 | 1727167 | 1729968 | 0.20   | cps   |
| Scandium   | 45-1  | 3254157 | 3253084 | 3267200 | 3258147 | 0.24   | cps   |
| Scandium   | 45-2  | 39027   | 40228   | 40559   | 39938   | 2.02   | cps   |
| Selenium   | 77-2  | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 26      | 30      | 19      | 25      | 22.91  | cps   |
| Selenium   | 82-1  | 454     | 331     | 372     | 386     | 16.27  | cps   |
| Silicon    | 28-1  | 405550  | 407158  | 408183  | 406964  | 0.33   | cps   |
| Silver     | 109-1 | 33910   | 33827   | 35681   | 34473   | 3.04   | cps   |
| Silver     | 107-1 | 36375   | 35933   | 36442   | 36250   | 0.76   | cps   |
| Sodium     | 23-2  | 56906   | 53811   | 54815   | 55177   | 2.86   | cps   |
| Strontium  | 86-1  | 10330   | 9796    | 10313   | 10146   | 2.99   | cps   |
| Strontium  | 88-1  | 82097   | 78124   | 82273   | 80831   | 2.90   | cps   |
| Sulfur     | 34-1  | 337632  | 334959  | 335080  | 335891  | 0.45   | cps   |
| Terbium    | 159-1 | 4862222 | 4893667 | 4889406 | 4881765 | 0.35   | cps   |
| Terbium    | 159-2 | 1558290 | 1630242 | 1617186 | 1601906 | 2.39   | cps   |
| Thallium   | 203-1 | 18581   | 19048   | 18130   | 18586   | 2.47   | cps   |
| Thallium   | 205-1 | 43802   | 44855   | 44981   | 44546   | 1.45   | cps   |
| Tin        | 118-1 | 23405   | 22002   | 22428   | 22612   | 3.18   | cps   |
| Titanium   | 47-1  | 4676    | 5101    | 4793    | 4857    | 4.52   | cps   |
| Uranium    | 238-1 | 52948   | 53064   | 53090   | 53034   | 0.14   | cps   |
| Vanadium   | 51-2  | 4211    | 4177    | 4024    | 4137    | 2.41   | cps   |
| Yttrium    | 89-1  | 4886738 | 4989615 | 5044780 | 4973711 | 1.61   | cps   |
| Yttrium    | 89-2  | 252476  | 251149  | 253965  | 252530  | 0.56   | cps   |
| Zinc       | 66-2  | 2067    | 1997    | 1990    | 2018    | 2.10   | cps   |
| Zirconium  | 90-1  | 47183   | 48864   | 48821   | 48289   | 1.99   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Water#14       | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Water#14       | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:54:10 | DataFile Name :   | 064SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10638 | 10796 | 10596 | 10677   | 0.99   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 692     | 617     | 758     | 689     | 10.29  | cps   |
| Antimony   | 121-1 | 31330   | 32674   | 32098   | 32034   | 2.11   | cps   |
| Arsenic    | 75-2  | 719     | 769     | 694     | 727     | 5.20   | cps   |
| Barium     | 135-1 | 31772   | 31488   | 31430   | 31564   | 0.58   | cps   |
| Barium     | 137-1 | 54647   | 53786   | 52489   | 53640   | 2.03   | cps   |
| Beryllium  | 9-1   | 4395    | 4801    | 4834    | 4677    | 5.23   | cps   |
| Bismuth    | 209-1 | 2600302 | 2637621 | 2640217 | 2626046 | 0.85   | cps   |
| Bismuth    | 209-2 | 1153195 | 1192644 | 1197674 | 1181171 | 2.06   | cps   |
| Boron      | 10-1  | 992     | 1008    | 1133    | 1045    | 7.41   | cps   |
| Boron      | 11-1  | 4459    | 4668    | 4309    | 4479    | 4.02   | cps   |
| Cadmium    | 111-1 | 8318    | 8188    | 8142    | 8216    | 1.11   | cps   |
| Cadmium    | 106-1 | 1534    | 1558    | 1542    | 1545    | 0.82   | cps   |
| Cadmium    | 108-1 | 517     | 608     | 521     | 549     | 9.44   | cps   |
| Calcium    | 43-1  | 12389   | 11705   | 11889   | 11995   | 2.95   | cps   |
| Calcium    | 44-1  | 201397  | 205849  | 203641  | 203629  | 1.09   | cps   |
| Chromium   | 52-2  | 6598    | 6472    | 6628    | 6566    | 1.27   | cps   |
| Cobalt     | 59-2  | 11755   | 11608   | 11365   | 11576   | 1.70   | cps   |
| Copper     | 63-2  | 19708   | 19748   | 20111   | 19856   | 1.12   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 17      | 25      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 33      | 58      | 25      | 39      | 44.62  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Holmium    | 165-1 | 4627266 | 4569594 | 4537136 | 4577999 | 1.00   | cps   |
| Holmium    | 165-2 | 1557087 | 1598945 | 1643205 | 1599746 | 2.69   | cps   |
| Indium     | 115-1 | 4538064 | 4458531 | 4462459 | 4486351 | 1.00   | cps   |
| Indium     | 115-2 | 312570  | 328288  | 328099  | 322986  | 2.79   | cps   |
| Iron       | 56-2  | 191958  | 190613  | 193077  | 191883  | 0.64   | cps   |
| Iron       | 57-2  | 4651    | 4740    | 4712    | 4701    | 0.97   | cps   |
| Lead       | 206-1 | 15054   | 15015   | 14876   | 14982   | 0.62   | cps   |
| Lead       | 207-1 | 13602   | 13847   | 13213   | 13554   | 2.36   | cps   |
| Lead       | 208-1 | 60808   | 60947   | 60965   | 60907   | 0.14   | cps   |
| Lithium    | 6-1   | 553354  | 543197  | 542533  | 546361  | 1.11   | cps   |
| Magnesium  | 24-2  | 19431   | 18897   | 19556   | 19294   | 1.82   | cps   |
| Manganese  | 55-2  | 3347    | 3420    | 3370    | 3379    | 1.11   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25859   | 25734   | 24248   | 25280   | 3.55   | cps   |
| Molybdenum | 95-1  | 14283   | 14675   | 14308   | 14422   | 1.52   | cps   |
| Molybdenum | 96-1  | 17746   | 18480   | 19022   | 18416   | 3.48   | cps   |
| Molybdenum | 97-1  | 8870    | 9687    | 8962    | 9173    | 4.88   | cps   |
| Molybdenum | 98-1  | 23079   | 22895   | 23463   | 23146   | 1.25   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 20      | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3287    | 3417    | 3344    | 3349    | 1.95   | cps   |
| Phosphorus | 31-2  | 100     | 67      | 33      | 67      | 50.01  | cps   |
| Potassium  | 39-2  | 10096   | 10338   | 10738   | 10390   | 3.12   | cps   |
| Rhodium    | 103-1 | 4439873 | 4439539 | 4403097 | 4427503 | 0.48   | cps   |
| Rhodium    | 103-2 | 1681363 | 1726393 | 1727964 | 1711907 | 1.55   | cps   |
| Scandium   | 45-1  | 3260328 | 3226871 | 3226829 | 3238009 | 0.60   | cps   |
| Scandium   | 45-2  | 38276   | 39241   | 39482   | 39000   | 1.64   | cps   |
| Selenium   | 77-2  | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Selenium   | 78-2  | 17      | 19      | 19      | 18      | 5.97   | cps   |
| Selenium   | 82-1  | 472     | 429     | 466     | 456     | 5.17   | cps   |
| Silicon    | 28-1  | 411694  | 411074  | 407934  | 410234  | 0.49   | cps   |
| Silver     | 109-1 | 33768   | 34637   | 34203   | 34203   | 1.27   | cps   |
| Silver     | 107-1 | 36258   | 36793   | 36308   | 36453   | 0.81   | cps   |
| Sodium     | 23-2  | 54539   | 54421   | 55166   | 54709   | 0.73   | cps   |
| Strontium  | 86-1  | 10580   | 10329   | 10079   | 10329   | 2.42   | cps   |
| Strontium  | 88-1  | 79012   | 80102   | 79591   | 79568   | 0.69   | cps   |
| Sulfur     | 34-1  | 337632  | 337495  | 337988  | 337705  | 0.08   | cps   |
| Terbium    | 159-1 | 4920075 | 4894189 | 4903919 | 4906061 | 0.27   | cps   |
| Terbium    | 159-2 | 1543250 | 1554941 | 1582842 | 1560344 | 1.30   | cps   |
| Thallium   | 203-1 | 18114   | 18581   | 18740   | 18478   | 1.76   | cps   |
| Thallium   | 205-1 | 45072   | 43861   | 43760   | 44231   | 1.65   | cps   |
| Tin        | 118-1 | 22604   | 21818   | 21827   | 22083   | 2.04   | cps   |
| Titanium   | 47-1  | 4593    | 4726    | 4643    | 4654    | 1.45   | cps   |
| Uranium    | 238-1 | 52680   | 51649   | 52068   | 52133   | 0.99   | cps   |
| Vanadium   | 51-2  | 4007    | 4134    | 4051    | 4064    | 1.58   | cps   |
| Yttrium    | 89-1  | 4987265 | 4963143 | 4913121 | 4954510 | 0.76   | cps   |
| Yttrium    | 89-2  | 244019  | 249992  | 251030  | 248347  | 1.52   | cps   |
| Zinc       | 66-2  | 2064    | 1967    | 1920    | 1984    | 3.69   | cps   |
| Zirconium  | 90-1  | 47618   | 48136   | 48144   | 47966   | 0.63   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#8         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#8         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 17:57:22 | DataFile Name :   | 065SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 11305 | 10196 | 10271 | 10591   | 5.85   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 650     | 942     | 792     | 795     | 18.36  | cps   |
| Antimony   | 121-1 | 31855   | 31806   | 30812   | 31491   | 1.87   | cps   |
| Arsenic    | 75-2  | 691     | 746     | 693     | 710     | 4.44   | cps   |
| Barium     | 135-1 | 30461   | 30712   | 29926   | 30366   | 1.32   | cps   |
| Barium     | 137-1 | 54606   | 53568   | 53501   | 53892   | 1.15   | cps   |
| Beryllium  | 9-1   | 4556    | 4345    | 4768    | 4556    | 4.63   | cps   |
| Bismuth    | 209-1 | 2440803 | 2558620 | 2558777 | 2519400 | 2.70   | cps   |
| Bismuth    | 209-2 | 1154368 | 1178935 | 1172934 | 1168746 | 1.10   | cps   |
| Boron      | 10-1  | 858     | 1092    | 900     | 950     | 13.10  | cps   |
| Boron      | 11-1  | 4301    | 3826    | 4167    | 4098    | 5.98   | cps   |
| Cadmium    | 111-1 | 7908    | 7975    | 7685    | 7856    | 1.93   | cps   |
| Cadmium    | 106-1 | 1792    | 1625    | 1750    | 1722    | 5.04   | cps   |
| Cadmium    | 108-1 | 492     | 604     | 583     | 560     | 10.69  | cps   |
| Calcium    | 43-1  | 11464   | 11447   | 12006   | 11639   | 2.73   | cps   |
| Calcium    | 44-1  | 199565  | 197977  | 197749  | 198430  | 0.50   | cps   |
| Chromium   | 52-2  | 6368    | 6642    | 7045    | 6685    | 5.09   | cps   |
| Cobalt     | 59-2  | 11241   | 11245   | 11602   | 11363   | 1.82   | cps   |
| Copper     | 63-2  | 19300   | 19490   | 20111   | 19634   | 2.16   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Erbium     | 164-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 42      | 25      | 33      | 33      | 25.01  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 4199512 | 4474992 | 4429421 | 4367975 | 3.38   | cps   |
| Holmium    | 165-2 | 1536898 | 1559435 | 1554499 | 1550277 | 0.76   | cps   |
| Indium     | 115-1 | 4131717 | 4454064 | 4362229 | 4316003 | 3.85   | cps   |
| Indium     | 115-2 | 317105  | 327911  | 320899  | 321972  | 1.70   | cps   |
| Iron       | 56-2  | 183503  | 190409  | 189394  | 187769  | 1.99   | cps   |
| Iron       | 57-2  | 4623    | 4895    | 4723    | 4747    | 2.90   | cps   |
| Lead       | 206-1 | 14898   | 14987   | 15054   | 14980   | 0.52   | cps   |
| Lead       | 207-1 | 14014   | 13268   | 12913   | 13398   | 4.19   | cps   |
| Lead       | 208-1 | 61710   | 59756   | 60152   | 60540   | 1.71   | cps   |
| Lithium    | 6-1   | 509916  | 539181  | 537576  | 528891  | 3.11   | cps   |
| Magnesium  | 24-2  | 18321   | 18771   | 18713   | 18602   | 1.32   | cps   |
| Manganese  | 55-2  | 3097    | 3170    | 3417    | 3228    | 5.19   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24965   | 25066   | 24732   | 24921   | 0.69   | cps   |
| Molybdenum | 95-1  | 14008   | 14383   | 14608   | 14333   | 2.12   | cps   |
| Molybdenum | 96-1  | 18121   | 17679   | 17320   | 17707   | 2.27   | cps   |
| Molybdenum | 97-1  | 9312    | 9120    | 9112    | 9181    | 1.23   | cps   |
| Molybdenum | 98-1  | 22945   | 22177   | 21969   | 22364   | 2.30   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 33      | 16      | 107.87 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3687    | 3460    | 3270    | 3473    | 6.01   | cps   |
| Phosphorus | 31-2  | 92      | 75      | 83      | 83      | 10.00  | cps   |
| Potassium  | 39-2  | 10079   | 10404   | 9912    | 10132   | 2.47   | cps   |
| Rhodium    | 103-1 | 4113382 | 4298137 | 4352967 | 4254828 | 2.95   | cps   |
| Rhodium    | 103-2 | 1691839 | 1727152 | 1725586 | 1714859 | 1.16   | cps   |
| Scandium   | 45-1  | 3015334 | 3191351 | 3168384 | 3125023 | 3.06   | cps   |
| Scandium   | 45-2  | 38332   | 39385   | 39382   | 39033   | 1.56   | cps   |
| Selenium   | 77-2  | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Selenium   | 78-2  | 30      | 20      | 17      | 22      | 30.04  | cps   |
| Selenium   | 82-1  | 471     | 309     | 387     | 389     | 20.85  | cps   |
| Silicon    | 28-1  | 406139  | 396030  | 409914  | 404027  | 1.78   | cps   |
| Silver     | 109-1 | 34905   | 34704   | 34395   | 34668   | 0.74   | cps   |
| Silver     | 107-1 | 35606   | 36576   | 35698   | 35960   | 1.49   | cps   |
| Sodium     | 23-2  | 51486   | 53853   | 53903   | 53081   | 2.60   | cps   |
| Strontium  | 86-1  | 10062   | 9796    | 10279   | 10046   | 2.41   | cps   |
| Strontium  | 88-1  | 77940   | 79306   | 76833   | 78026   | 1.59   | cps   |
| Sulfur     | 34-1  | 332810  | 331318  | 330427  | 331519  | 0.36   | cps   |
| Terbium    | 159-1 | 4545820 | 4763560 | 4711111 | 4673497 | 2.43   | cps   |
| Terbium    | 159-2 | 1512335 | 1577563 | 1536118 | 1542006 | 2.14   | cps   |
| Thallium   | 203-1 | 17513   | 18055   | 17613   | 17727   | 1.63   | cps   |
| Thallium   | 205-1 | 43785   | 43592   | 44220   | 43866   | 0.73   | cps   |
| Tin        | 118-1 | 22386   | 21944   | 21576   | 21969   | 1.85   | cps   |
| Titanium   | 47-1  | 4943    | 4501    | 4551    | 4665    | 5.19   | cps   |
| Uranium    | 238-1 | 51215   | 51215   | 52152   | 51527   | 1.05   | cps   |
| Vanadium   | 51-2  | 3907    | 3904    | 4007    | 3940    | 1.49   | cps   |
| Yttrium    | 89-1  | 4570832 | 4850070 | 4837414 | 4752772 | 3.32   | cps   |
| Yttrium    | 89-2  | 243923  | 249806  | 250945  | 248225  | 1.52   | cps   |
| Zinc       | 66-2  | 1907    | 2020    | 1793    | 1907    | 5.94   | cps   |
| Zirconium  | 90-1  | 47576   | 45770   | 45804   | 46383   | 2.23   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#9         | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#9         | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:00:32 | DataFile Name :   | 066SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10880 | 10388 | 10179 | 10482   | 3.43   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 775     | 775     | 783     | 778     | 0.62   | cps   |
| Antimony   | 121-1 | 32967   | 33276   | 32315   | 32853   | 1.49   | cps   |
| Arsenic    | 75-2  | 694     | 696     | 700     | 697     | 0.41   | cps   |
| Barium     | 135-1 | 31605   | 30821   | 30670   | 31032   | 1.62   | cps   |
| Barium     | 137-1 | 54831   | 54563   | 54070   | 54488   | 0.71   | cps   |
| Beryllium  | 9-1   | 4712    | 4801    | 4601    | 4705    | 2.13   | cps   |
| Bismuth    | 209-1 | 2637488 | 2627717 | 2677151 | 2647452 | 0.99   | cps   |
| Bismuth    | 209-2 | 1177470 | 1204356 | 1185366 | 1189064 | 1.16   | cps   |
| Boron      | 10-1  | 867     | 917     | 800     | 861     | 6.80   | cps   |
| Boron      | 11-1  | 4451    | 4384    | 4484    | 4440    | 1.15   | cps   |
| Cadmium    | 111-1 | 8258    | 8219    | 8019    | 8165    | 1.57   | cps   |
| Cadmium    | 106-1 | 1609    | 1725    | 1792    | 1709    | 5.43   | cps   |
| Cadmium    | 108-1 | 475     | 463     | 542     | 493     | 8.63   | cps   |
| Calcium    | 43-1  | 12306   | 11572   | 11964   | 11947   | 3.07   | cps   |
| Calcium    | 44-1  | 203491  | 201942  | 199785  | 201739  | 0.92   | cps   |
| Chromium   | 52-2  | 6815    | 6818    | 6465    | 6700    | 3.03   | cps   |
| Cobalt     | 59-2  | 11288   | 11545   | 11358   | 11397   | 1.16   | cps   |
| Copper     | 63-2  | 19601   | 19831   | 19821   | 19751   | 0.66   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 0       | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 58      | 58      | 33      | 50      | 28.88  | cps   |
| Gadolinium | 160-2 | 20      | 0       | 3       | 8       | 137.80 | cps   |
| Holmium    | 165-1 | 4571002 | 4586527 | 4515404 | 4557645 | 0.82   | cps   |
| Holmium    | 165-2 | 1558842 | 1578231 | 1599136 | 1578736 | 1.28   | cps   |
| Indium     | 115-1 | 4472771 | 4495859 | 4438656 | 4469095 | 0.64   | cps   |
| Indium     | 115-2 | 321589  | 325344  | 324380  | 323771  | 0.60   | cps   |
| Iron       | 56-2  | 191173  | 189464  | 190668  | 190435  | 0.46   | cps   |
| Iron       | 57-2  | 4823    | 4979    | 4584    | 4795    | 4.14   | cps   |
| Lead       | 206-1 | 14881   | 15193   | 15115   | 15063   | 1.08   | cps   |
| Lead       | 207-1 | 13752   | 13663   | 13324   | 13580   | 1.66   | cps   |
| Lead       | 208-1 | 61053   | 61872   | 62090   | 61672   | 0.89   | cps   |
| Lithium    | 6-1   | 555592  | 554161  | 552732  | 554162  | 0.26   | cps   |
| Magnesium  | 24-2  | 18479   | 18362   | 18688   | 18510   | 0.89   | cps   |
| Manganese  | 55-2  | 3254    | 3184    | 3150    | 3196    | 1.65   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 24782   | 24815   | 24440   | 24679   | 0.84   | cps   |
| Molybdenum | 95-1  | 14383   | 14742   | 14967   | 14697   | 2.00   | cps   |
| Molybdenum | 96-1  | 18747   | 18397   | 18572   | 18572   | 0.94   | cps   |
| Molybdenum | 97-1  | 9354    | 8862    | 9212    | 9142    | 2.77   | cps   |
| Molybdenum | 98-1  | 22803   | 23112   | 23054   | 22990   | 0.71   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 13      | 18      | 43.33  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3397    | 3584    | 3624    | 3535    | 3.42   | cps   |
| Phosphorus | 31-2  | 67      | 58      | 100     | 75      | 29.40  | cps   |
| Potassium  | 39-2  | 10863   | 10579   | 10438   | 10627   | 2.04   | cps   |
| Rhodium    | 103-1 | 4422414 | 4456506 | 4388207 | 4422376 | 0.77   | cps   |
| Rhodium    | 103-2 | 1719973 | 1731460 | 1724619 | 1725351 | 0.33   | cps   |
| Scandium   | 45-1  | 3261309 | 3276930 | 3259440 | 3265893 | 0.29   | cps   |
| Scandium   | 45-2  | 39195   | 39465   | 39733   | 39464   | 0.68   | cps   |
| Selenium   | 77-2  | 17      | 17      | 3       | 12      | 63.01  | cps   |
| Selenium   | 78-2  | 24      | 20      | 13      | 19      | 29.57  | cps   |
| Selenium   | 82-1  | 414     | 395     | 540     | 450     | 17.48  | cps   |
| Silicon    | 28-1  | 420869  | 416639  | 404096  | 413868  | 2.11   | cps   |
| Silver     | 109-1 | 34838   | 34704   | 34654   | 34732   | 0.27   | cps   |
| Silver     | 107-1 | 35548   | 36066   | 36217   | 35944   | 0.98   | cps   |
| Sodium     | 23-2  | 54171   | 53618   | 54062   | 53950   | 0.54   | cps   |
| Strontium  | 86-1  | 10388   | 10413   | 10538   | 10446   | 0.77   | cps   |
| Strontium  | 88-1  | 79482   | 78367   | 79693   | 79180   | 0.90   | cps   |
| Sulfur     | 34-1  | 344173  | 343850  | 342544  | 343522  | 0.25   | cps   |
| Terbium    | 159-1 | 4813357 | 4911864 | 4908657 | 4877959 | 1.15   | cps   |
| Terbium    | 159-2 | 1624939 | 1560785 | 1561467 | 1582397 | 2.33   | cps   |
| Thallium   | 203-1 | 19182   | 18898   | 19382   | 19154   | 1.27   | cps   |
| Thallium   | 205-1 | 44571   | 44103   | 43225   | 43966   | 1.55   | cps   |
| Tin        | 118-1 | 22461   | 22854   | 21944   | 22420   | 2.04   | cps   |
| Titanium   | 47-1  | 4534    | 4976    | 4751    | 4754    | 4.65   | cps   |
| Uranium    | 238-1 | 52713   | 51097   | 53148   | 52319   | 2.06   | cps   |
| Vanadium   | 51-2  | 4101    | 4031    | 3937    | 4023    | 2.04   | cps   |
| Yttrium    | 89-1  | 4968896 | 5019105 | 4974737 | 4987579 | 0.55   | cps   |
| Yttrium    | 89-2  | 247312  | 252292  | 250957  | 250187  | 1.03   | cps   |
| Zinc       | 66-2  | 2024    | 2194    | 2150    | 2122    | 4.16   | cps   |
| Zirconium  | 90-1  | 46288   | 49106   | 47183   | 47526   | 3.03   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#10        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#10        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:03:43 | DataFile Name :   | 067SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10288 | 10371 | 10588 | 10415   | 1.49   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 419813   | 420816   | 421128   | 420586   | 0.16   | cps   |
| Antimony   | 121-1 | 3774440  | 3843749  | 3806580  | 3808256  | 0.91   | cps   |
| Arsenic    | 75-2  | 76194    | 76689    | 77078    | 76654    | 0.58   | cps   |
| Barium     | 135-1 | 3734802  | 3766583  | 3774293  | 3758559  | 0.56   | cps   |
| Barium     | 137-1 | 6382558  | 6469677  | 6526250  | 6459495  | 1.12   | cps   |
| Beryllium  | 9-1   | 560680   | 558912   | 565005   | 561532   | 0.56   | cps   |
| Bismuth    | 209-1 | 2525833  | 2688929  | 2749937  | 2654900  | 4.36   | cps   |
| Bismuth    | 209-2 | 1205225  | 1207747  | 1211532  | 1208168  | 0.26   | cps   |
| Boron      | 10-1  | 70607    | 69527    | 70825    | 70320    | 0.99   | cps   |
| Boron      | 11-1  | 327873   | 333592   | 342315   | 334593   | 2.17   | cps   |
| Cadmium    | 111-1 | 816764   | 816682   | 820662   | 818036   | 0.28   | cps   |
| Cadmium    | 106-1 | 84599    | 83710    | 84766    | 84358    | 0.67   | cps   |
| Cadmium    | 108-1 | 57891    | 57204    | 57221    | 57439    | 0.68   | cps   |
| Calcium    | 43-1  | 5205788  | 5176826  | 5136904  | 5173173  | 0.67   | cps   |
| Calcium    | 44-1  | 83127094 | 84392931 | 83860229 | 83793418 | 0.76   | cps   |
| Chromium   | 52-2  | 617227   | 612765   | 617233   | 615742   | 0.42   | cps   |
| Cobalt     | 59-2  | 1202934  | 1202443  | 1201162  | 1202180  | 0.08   | cps   |
| Copper     | 63-2  | 2095218  | 2071838  | 2096301  | 2087786  | 0.66   | cps   |
| Dysprosium | 156-1 | 75       | 142      | 75       | 97       | 39.59  | cps   |
| Dysprosium | 156-2 | 17       | 23       | 7        | 16       | 53.90  | cps   |
| Erbium     | 164-1 | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Erbium     | 164-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Gadolinium | 160-1 | 117      | 67       | 67       | 83       | 34.64  | cps   |
| Gadolinium | 160-2 | 10       | 10       | 20       | 13       | 43.30  | cps   |
| Holmium    | 165-1 | 4703042  | 4795582  | 4902070  | 4800231  | 2.07   | cps   |
| Holmium    | 165-2 | 1726209  | 1721712  | 1725282  | 1724401  | 0.14   | cps   |
| Indium     | 115-1 | 4328562  | 4475996  | 4568161  | 4457573  | 2.71   | cps   |
| Indium     | 115-2 | 319321   | 317710   | 319738   | 318923   | 0.34   | cps   |
| Iron       | 56-2  | 98009805 | 98006972 | 98102627 | 98039801 | 0.06   | cps   |
| Iron       | 57-2  | 2509579  | 2490266  | 2517156  | 2505667  | 0.55   | cps   |
| Lead       | 206-1 | 1776063  | 1812971  | 1788405  | 1792480  | 1.05   | cps   |
| Lead       | 207-1 | 1571020  | 1580838  | 1601776  | 1584545  | 0.99   | cps   |
| Lead       | 208-1 | 7224550  | 7264332  | 7314109  | 7267664  | 0.62   | cps   |
| Lithium    | 6-1   | 569069   | 594105   | 603793   | 588989   | 3.04   | cps   |
| Magnesium  | 24-2  | 10327023 | 10205689 | 10180319 | 10237677 | 0.77   | cps   |
| Manganese  | 55-2  | 348761   | 345793   | 353652   | 349402   | 1.14   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3091193  | 3039230  | 3114936  | 3081786  | 1.26   | cps   |
| Molybdenum | 95-1  | 1779842  | 1719345  | 1738233  | 1745807  | 1.77   | cps   |
| Molybdenum | 96-1  | 2247212  | 2224928  | 2266824  | 2246321  | 0.93   | cps   |
| Molybdenum | 97-1  | 1059441  | 1046207  | 1054389  | 1053345  | 0.63   | cps   |
| Molybdenum | 98-1  | 2795684  | 2767317  | 2818945  | 2793982  | 0.93   | cps   |
| Neodymium  | 150-1 | 167      | 167      | 133      | 156      | 12.37  | cps   |
| Neodymium  | 150-2 | 13       | 7        | 20       | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 354070   | 352513   | 351510   | 352698   | 0.37   | cps   |
| Phosphorus | 31-2  | 6652     | 7077     | 7469     | 7066     | 5.78   | cps   |
| Potassium  | 39-2  | 3386388  | 3416613  | 3405768  | 3402923  | 0.45   | cps   |
| Rhodium    | 103-1 | 4077713  | 4296153  | 4358104  | 4243990  | 3.47   | cps   |
| Rhodium    | 103-2 | 1675632  | 1647016  | 1663360  | 1662003  | 0.86   | cps   |
| Scandium   | 45-1  | 3184614  | 3330344  | 3316921  | 3277293  | 2.46   | cps   |
| Scandium   | 45-2  | 39836    | 39151    | 39084    | 39357    | 1.06   | cps   |
| Selenium   | 77-2  | 647      | 513      | 530      | 563      | 12.90  | cps   |
| Selenium   | 78-2  | 1948     | 1865     | 1872     | 1895     | 2.43   | cps   |
| Selenium   | 82-1  | 55578    | 55184    | 56048    | 55603    | 0.78   | cps   |
| Silicon    | 28-1  | 2263065  | 2318094  | 2307487  | 2296215  | 1.27   | cps   |
| Silver     | 109-1 | 3930311  | 3896969  | 3946894  | 3924725  | 0.65   | cps   |
| Silver     | 107-1 | 4122017  | 4157097  | 4130509  | 4136541  | 0.44   | cps   |
| Sodium     | 23-2  | 24800385 | 24910295 | 24820148 | 24843610 | 0.24   | cps   |
| Strontium  | 86-1  | 1076839  | 1086541  | 1086153  | 1083178  | 0.51   | cps   |
| Strontium  | 88-1  | 9501827  | 9427411  | 9470025  | 9466421  | 0.39   | cps   |
| Sulfur     | 34-1  | 659907   | 658556   | 659883   | 659449   | 0.12   | cps   |
| Terbium    | 159-1 | 4927509  | 5163490  | 5219988  | 5103662  | 3.04   | cps   |
| Terbium    | 159-2 | 1718696  | 1678552  | 1707690  | 1701646  | 1.22   | cps   |
| Thallium   | 203-1 | 2223261  | 2220315  | 2277750  | 2240442  | 1.44   | cps   |
| Thallium   | 205-1 | 5259498  | 5300687  | 5360085  | 5306757  | 0.95   | cps   |
| Tin        | 118-1 | 2607835  | 2634119  | 2622530  | 2621494  | 0.50   | cps   |
| Titanium   | 47-1  | 515197   | 510791   | 512782   | 512923   | 0.43   | cps   |
| Uranium    | 238-1 | 6543104  | 6625834  | 6663739  | 6610892  | 0.93   | cps   |
| Vanadium   | 51-2  | 441715   | 440529   | 441619   | 441288   | 0.15   | cps   |
| Yttrium    | 89-1  | 4912512  | 5106435  | 5145857  | 5054935  | 2.47   | cps   |
| Yttrium    | 89-2  | 251106   | 252952   | 252481   | 252180   | 0.38   | cps   |
| Zinc       | 66-2  | 199600   | 201439   | 200374   | 200471   | 0.46   | cps   |
| Zirconium  | 90-1  | 5818548  | 5687402  | 5676574  | 5727508  | 1.38   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:06:54 | DataFile Name :   | 068CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1269504 | 1255277 | 1262999 | 1262593 | 0.56   | cps   |



LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : CCB11 Instrumnet Name : P8  
 Client Sample ID : CCB11 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:14:25 DataFile Name : 069CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Antimony   | 121-1 | 242     | 300     | 358     | 300     | 19.44  | cps   |
| Arsenic    | 75-2  | 0       | 11      | 2       | 4       | 137.79 | cps   |
| Barium     | 135-1 | 25      | 33      | 8       | 22      | 57.29  | cps   |
| Barium     | 137-1 | 42      | 42      | 58      | 47      | 20.38  | cps   |
| Beryllium  | 9-1   | 61      | 67      | 50      | 59      | 14.32  | cps   |
| Bismuth    | 209-1 | 2764925 | 2809515 | 2740947 | 2771796 | 1.26   | cps   |
| Bismuth    | 209-2 | 1187691 | 1210134 | 1240994 | 1212939 | 2.21   | cps   |
| Boron      | 10-1  | 717     | 600     | 742     | 686     | 11.02  | cps   |
| Boron      | 11-1  | 3451    | 3742    | 3367    | 3520    | 5.59   | cps   |
| Cadmium    | 111-1 | 756     | 728     | 761     | 748     | 2.41   | cps   |
| Cadmium    | 106-1 | 1067    | 1050    | 1092    | 1070    | 1.96   | cps   |
| Cadmium    | 108-1 | 4       | 17      | 17      | 13      | 57.72  | cps   |
| Calcium    | 43-1  | 2700    | 2775    | 3034    | 2837    | 6.17   | cps   |
| Calcium    | 44-1  | 52716   | 53570   | 54616   | 53634   | 1.77   | cps   |
| Chromium   | 52-2  | 1070    | 1030    | 1067    | 1056    | 2.10   | cps   |
| Cobalt     | 59-2  | 83      | 67      | 30      | 60      | 45.48  | cps   |
| Copper     | 63-2  | 253     | 263     | 253     | 257     | 2.25   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 33      | 33      | 28      | 34.63  | cps   |
| Erbium     | 164-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 50      | 17      | 33      | 33      | 50.00  | cps   |
| Gadolinium | 160-2 | 17      | 3       | 3       | 8       | 99.04  | cps   |
| Holmium    | 165-1 | 4697183 | 4778773 | 4776159 | 4750705 | 0.98   | cps   |
| Holmium    | 165-2 | 1618029 | 1606119 | 1645844 | 1623331 | 1.26   | cps   |
| Indium     | 115-1 | 4596118 | 4571873 | 4609958 | 4592650 | 0.42   | cps   |
| Indium     | 115-2 | 316033  | 319497  | 326152  | 320561  | 1.60   | cps   |
| Iron       | 56-2  | 4695    | 4456    | 4251    | 4468    | 4.98   | cps   |
| Iron       | 57-2  | 150     | 161     | 122     | 144     | 13.87  | cps   |
| Lead       | 206-1 | 350     | 389     | 378     | 372     | 5.38   | cps   |
| Lead       | 207-1 | 394     | 289     | 328     | 337     | 15.84  | cps   |
| Lead       | 208-1 | 1456    | 1411    | 1517    | 1461    | 3.63   | cps   |
| Lithium    | 6-1   | 595608  | 602074  | 603248  | 600310  | 0.69   | cps   |
| Magnesium  | 24-2  | 150     | 117     | 183     | 150     | 22.22  | cps   |
| Manganese  | 55-2  | 83      | 87      | 70      | 80      | 11.02  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:14:25 | DataFile Name :   | 069CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 308     | 167     | 317     | 264     | 31.94  | cps   |
| Molybdenum | 95-1  | 8       | 42      | 75      | 42      | 80.01  | cps   |
| Molybdenum | 96-1  | 167     | 75      | 108     | 117     | 39.77  | cps   |
| Molybdenum | 97-1  | 67      | 58      | 42      | 56      | 22.91  | cps   |
| Molybdenum | 98-1  | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 90      | 100     | 63      | 84      | 22.45  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Potassium  | 39-2  | 4568    | 4393    | 4534    | 4498    | 2.07   | cps   |
| Rhodium    | 103-1 | 4537534 | 4612088 | 4523824 | 4557815 | 1.04   | cps   |
| Rhodium    | 103-2 | 1669107 | 1724893 | 1748415 | 1714138 | 2.38   | cps   |
| Scandium   | 45-1  | 3268510 | 3260421 | 3265729 | 3264887 | 0.13   | cps   |
| Scandium   | 45-2  | 38122   | 38132   | 39492   | 38582   | 2.04   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 0       | 4       | 4       | 100.05 | cps   |
| Selenium   | 82-1  | -11     | -140    | -154    | -102    | -77.85 | cps   |
| Silicon    | 28-1  | 386540  | 393751  | 393549  | 391280  | 1.05   | cps   |
| Silver     | 109-1 | 158     | 142     | 75      | 125     | 35.28  | cps   |
| Silver     | 107-1 | 125     | 225     | 167     | 172     | 29.17  | cps   |
| Sodium     | 23-2  | 10354   | 10021   | 10279   | 10218   | 1.71   | cps   |
| Strontium  | 86-1  | 1050    | 1142    | 1267    | 1153    | 9.43   | cps   |
| Strontium  | 88-1  | 283     | 292     | 225     | 267     | 13.62  | cps   |
| Sulfur     | 34-1  | 339593  | 338470  | 339605  | 339223  | 0.19   | cps   |
| Terbium    | 159-1 | 5025061 | 4999430 | 5102175 | 5042222 | 1.06   | cps   |
| Terbium    | 159-2 | 1601513 | 1584775 | 1628427 | 1604905 | 1.37   | cps   |
| Thallium   | 203-1 | 167     | 125     | 58      | 117     | 46.84  | cps   |
| Thallium   | 205-1 | 317     | 425     | 417     | 386     | 15.61  | cps   |
| Tin        | 118-1 | 725     | 692     | 625     | 681     | 7.48   | cps   |
| Titanium   | 47-1  | 133     | 142     | 158     | 144     | 8.81   | cps   |
| Uranium    | 238-1 | 42      | 50      | 33      | 42      | 20.00  | cps   |
| Vanadium   | 51-2  | 13      | 17      | 7       | 12      | 41.65  | cps   |
| Yttrium    | 89-1  | 5064791 | 5031515 | 5122021 | 5072775 | 0.90   | cps   |
| Yttrium    | 89-2  | 241111  | 246480  | 251005  | 246198  | 2.01   | cps   |
| Zinc       | 66-2  | 60      | 37      | 90      | 62      | 42.97  | cps   |
| Zirconium  | 90-1  | 517     | 592     | 642     | 583     | 10.79  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:14:25 | DataFile Name :   | 069CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 225  | 117  | 144     | 49.07  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 825     | 825     | 850     | 833     | 1.73   | cps   |
| Antimony   | 121-1 | 32549   | 32691   | 33075   | 32772   | 0.83   | cps   |
| Arsenic    | 75-2  | 720     | 728     | 728     | 725     | 0.59   | cps   |
| Barium     | 135-1 | 32023   | 31388   | 32892   | 32101   | 2.35   | cps   |
| Barium     | 137-1 | 56287   | 56840   | 54522   | 55883   | 2.17   | cps   |
| Beryllium  | 9-1   | 5034    | 5118    | 5062    | 5071    | 0.84   | cps   |
| Bismuth    | 209-1 | 2819575 | 2707883 | 2719277 | 2748912 | 2.24   | cps   |
| Bismuth    | 209-2 | 1220913 | 1222926 | 1227004 | 1223614 | 0.25   | cps   |
| Boron      | 10-1  | 1175    | 1033    | 1125    | 1111    | 6.47   | cps   |
| Boron      | 11-1  | 5501    | 5493    | 5535    | 5510    | 0.40   | cps   |
| Cadmium    | 111-1 | 8174    | 7835    | 8340    | 8116    | 3.17   | cps   |
| Cadmium    | 106-1 | 1700    | 1692    | 1500    | 1631    | 6.94   | cps   |
| Cadmium    | 108-1 | 663     | 467     | 513     | 547     | 18.72  | cps   |
| Calcium    | 43-1  | 12765   | 12189   | 11789   | 12248   | 4.01   | cps   |
| Calcium    | 44-1  | 204003  | 205940  | 201560  | 203834  | 1.08   | cps   |
| Chromium   | 52-2  | 6665    | 6745    | 6285    | 6565    | 3.75   | cps   |
| Cobalt     | 59-2  | 11428   | 11061   | 11095   | 11195   | 1.81   | cps   |
| Copper     | 63-2  | 19774   | 19150   | 19788   | 19571   | 1.86   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 8       | 33      | 19      | 65.48  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 33      | 67      | 42      | 47      | 36.74  | cps   |
| Gadolinium | 160-2 | 13      | 23      | 17      | 18      | 28.64  | cps   |
| Holmium    | 165-1 | 4744388 | 4706252 | 4709125 | 4719922 | 0.45   | cps   |
| Holmium    | 165-2 | 1668719 | 1621618 | 1597803 | 1629380 | 2.21   | cps   |
| Indium     | 115-1 | 4593403 | 4576540 | 4526886 | 4565610 | 0.76   | cps   |
| Indium     | 115-2 | 328358  | 329084  | 328931  | 328791  | 0.12   | cps   |
| Iron       | 56-2  | 192460  | 190578  | 191242  | 191427  | 0.50   | cps   |
| Iron       | 57-2  | 5351    | 4879    | 4384    | 4871    | 9.93   | cps   |
| Lead       | 206-1 | 16322   | 15593   | 16289   | 16068   | 2.56   | cps   |
| Lead       | 207-1 | 14709   | 14103   | 14403   | 14405   | 2.10   | cps   |
| Lead       | 208-1 | 65952   | 63163   | 64749   | 64621   | 2.16   | cps   |
| Lithium    | 6-1   | 589807  | 581239  | 573969  | 581672  | 1.36   | cps   |
| Magnesium  | 24-2  | 18872   | 19614   | 19314   | 19267   | 1.94   | cps   |
| Manganese  | 55-2  | 3437    | 3541    | 3357    | 3445    | 2.67   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 27178   | 26118   | 26351   | 26549   | 2.10   | cps   |
| Molybdenum | 95-1  | 14876   | 15276   | 14792   | 14981   | 1.73   | cps   |
| Molybdenum | 96-1  | 19064   | 19264   | 18739   | 19022   | 1.39   | cps   |
| Molybdenum | 97-1  | 9287    | 9696    | 9462    | 9482    | 2.16   | cps   |
| Molybdenum | 98-1  | 23062   | 23004   | 23797   | 23288   | 1.90   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 13      | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3664    | 3414    | 3514    | 3531    | 3.57   | cps   |
| Phosphorus | 31-2  | 92      | 67      | 67      | 75      | 19.24  | cps   |
| Potassium  | 39-2  | 10905   | 10346   | 10805   | 10685   | 2.79   | cps   |
| Rhodium    | 103-1 | 4545584 | 4475197 | 4496383 | 4505722 | 0.80   | cps   |
| Rhodium    | 103-2 | 1777272 | 1749542 | 1736758 | 1754524 | 1.18   | cps   |
| Scandium   | 45-1  | 3309170 | 3278147 | 3285958 | 3291091 | 0.49   | cps   |
| Scandium   | 45-2  | 40020   | 40311   | 39261   | 39864   | 1.36   | cps   |
| Selenium   | 77-2  | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Selenium   | 78-2  | 15      | 26      | 15      | 19      | 34.67  | cps   |
| Selenium   | 82-1  | 589     | 579     | 484     | 551     | 10.49  | cps   |
| Silicon    | 28-1  | 411130  | 409642  | 403564  | 408112  | 0.98   | cps   |
| Silver     | 109-1 | 36166   | 35373   | 35865   | 35801   | 1.12   | cps   |
| Silver     | 107-1 | 38063   | 39116   | 38046   | 38408   | 1.60   | cps   |
| Sodium     | 23-2  | 56388   | 54840   | 56446   | 55891   | 1.63   | cps   |
| Strontium  | 86-1  | 11163   | 10563   | 10196   | 10641   | 4.59   | cps   |
| Strontium  | 88-1  | 82760   | 81268   | 80723   | 81584   | 1.29   | cps   |
| Sulfur     | 34-1  | 342365  | 341607  | 345051  | 343008  | 0.53   | cps   |
| Terbium    | 159-1 | 5079452 | 5033194 | 4998287 | 5036978 | 0.81   | cps   |
| Terbium    | 159-2 | 1642875 | 1611931 | 1586805 | 1613870 | 1.74   | cps   |
| Thallium   | 203-1 | 18873   | 19341   | 19274   | 19162   | 1.32   | cps   |
| Thallium   | 205-1 | 46653   | 46135   | 46068   | 46285   | 0.69   | cps   |
| Tin        | 118-1 | 23772   | 23254   | 22720   | 23249   | 2.26   | cps   |
| Titanium   | 47-1  | 4459    | 4226    | 4684    | 4456    | 5.14   | cps   |
| Uranium    | 238-1 | 53826   | 54277   | 54077   | 54060   | 0.42   | cps   |
| Vanadium   | 51-2  | 3994    | 3751    | 3894    | 3880    | 3.15   | cps   |
| Yttrium    | 89-1  | 5043521 | 5002634 | 5059382 | 5035179 | 0.58   | cps   |
| Yttrium    | 89-2  | 253589  | 252196  | 252629  | 252805  | 0.28   | cps   |
| Zinc       | 66-2  | 2100    | 2174    | 1977    | 2084    | 4.77   | cps   |
| Zirconium  | 90-1  | 48328   | 47910   | 47701   | 47980   | 0.67   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#11        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#11        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:17:36 | DataFile Name :   | 070SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10371 | 10821 | 10438 | 10543   | 2.30   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#12 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#12 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:20:45 DataFile Name : 071SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 800     | 783     | 942     | 842     | 10.34  | cps   |
| Antimony   | 121-1 | 33059   | 33242   | 32608   | 32970   | 0.99   | cps   |
| Arsenic    | 75-2  | 702     | 748     | 652     | 701     | 6.87   | cps   |
| Barium     | 135-1 | 31104   | 32266   | 31747   | 31706   | 1.83   | cps   |
| Barium     | 137-1 | 56882   | 54405   | 55560   | 55615   | 2.23   | cps   |
| Beryllium  | 9-1   | 4695    | 4662    | 4968    | 4775    | 3.51   | cps   |
| Bismuth    | 209-1 | 2698328 | 2697370 | 2684927 | 2693542 | 0.28   | cps   |
| Bismuth    | 209-2 | 1216819 | 1210890 | 1203424 | 1210378 | 0.55   | cps   |
| Boron      | 10-1  | 958     | 1017    | 1092    | 1022    | 6.54   | cps   |
| Boron      | 11-1  | 5185    | 5251    | 5351    | 5262    | 1.60   | cps   |
| Cadmium    | 111-1 | 8004    | 8374    | 8013    | 8130    | 2.60   | cps   |
| Cadmium    | 106-1 | 1734    | 1867    | 1759    | 1786    | 3.97   | cps   |
| Cadmium    | 108-1 | 475     | 508     | 600     | 528     | 12.26  | cps   |
| Calcium    | 43-1  | 12156   | 11705   | 12147   | 12003   | 2.15   | cps   |
| Calcium    | 44-1  | 206126  | 202465  | 203902  | 204164  | 0.90   | cps   |
| Chromium   | 52-2  | 6528    | 6632    | 6765    | 6642    | 1.79   | cps   |
| Cobalt     | 59-2  | 11348   | 11895   | 11128   | 11457   | 3.45   | cps   |
| Copper     | 63-2  | 19684   | 19657   | 19688   | 19676   | 0.08   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 42      | 25      | 50      | 39      | 32.73  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Holmium    | 165-1 | 4617633 | 4571442 | 4664365 | 4617813 | 1.01   | cps   |
| Holmium    | 165-2 | 1636688 | 1640751 | 1577365 | 1618268 | 2.19   | cps   |
| Indium     | 115-1 | 4521208 | 4531343 | 4496728 | 4516426 | 0.39   | cps   |
| Indium     | 115-2 | 330449  | 329898  | 328473  | 329607  | 0.31   | cps   |
| Iron       | 56-2  | 192212  | 195095  | 190386  | 192564  | 1.23   | cps   |
| Iron       | 57-2  | 4612    | 4834    | 4857    | 4768    | 2.84   | cps   |
| Lead       | 206-1 | 15593   | 15960   | 15332   | 15629   | 2.02   | cps   |
| Lead       | 207-1 | 14030   | 14470   | 13964   | 14155   | 1.94   | cps   |
| Lead       | 208-1 | 63809   | 64432   | 63064   | 63768   | 1.07   | cps   |
| Lithium    | 6-1   | 567771  | 566062  | 565937  | 566590  | 0.18   | cps   |
| Magnesium  | 24-2  | 18830   | 19531   | 19189   | 19183   | 1.83   | cps   |
| Manganese  | 55-2  | 3324    | 3200    | 3284    | 3269    | 1.93   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#12        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#12        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:20:45 | DataFile Name :   | 071SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 25558   | 25282   | 25650   | 25497   | 0.75   | cps   |
| Molybdenum | 95-1  | 14233   | 14876   | 15167   | 14759   | 3.24   | cps   |
| Molybdenum | 96-1  | 18405   | 18605   | 18380   | 18463   | 0.67   | cps   |
| Molybdenum | 97-1  | 9162    | 9287    | 9162    | 9203    | 0.78   | cps   |
| Molybdenum | 98-1  | 23196   | 23012   | 23104   | 23104   | 0.40   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3420    | 3501    | 3307    | 3409    | 2.85   | cps   |
| Phosphorus | 31-2  | 58      | 92      | 133     | 94      | 39.79  | cps   |
| Potassium  | 39-2  | 10546   | 10154   | 10738   | 10479   | 2.84   | cps   |
| Rhodium    | 103-1 | 4485774 | 4447297 | 4489523 | 4474198 | 0.52   | cps   |
| Rhodium    | 103-2 | 1749970 | 1768901 | 1744293 | 1754388 | 0.73   | cps   |
| Scandium   | 45-1  | 3299795 | 3217048 | 3266997 | 3261280 | 1.28   | cps   |
| Scandium   | 45-2  | 40294   | 40124   | 40084   | 40168   | 0.28   | cps   |
| Selenium   | 77-2  | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Selenium   | 78-2  | 28      | 20      | 26      | 25      | 15.62  | cps   |
| Selenium   | 82-1  | 502     | 512     | 544     | 519     | 4.29   | cps   |
| Silicon    | 28-1  | 414273  | 409830  | 408085  | 410729  | 0.78   | cps   |
| Silver     | 109-1 | 35397   | 36517   | 35465   | 35793   | 1.75   | cps   |
| Silver     | 107-1 | 37503   | 36158   | 37428   | 37030   | 2.04   | cps   |
| Sodium     | 23-2  | 54213   | 56806   | 55007   | 55342   | 2.40   | cps   |
| Strontium  | 86-1  | 11013   | 10229   | 10204   | 10482   | 4.39   | cps   |
| Strontium  | 88-1  | 81243   | 79146   | 78995   | 79794   | 1.57   | cps   |
| Sulfur     | 34-1  | 342068  | 337683  | 342320  | 340690  | 0.77   | cps   |
| Terbium    | 159-1 | 4944441 | 4917756 | 4972812 | 4945003 | 0.56   | cps   |
| Terbium    | 159-2 | 1611957 | 1617976 | 1568422 | 1599451 | 1.69   | cps   |
| Thallium   | 203-1 | 19149   | 19149   | 19207   | 19168   | 0.18   | cps   |
| Thallium   | 205-1 | 46059   | 45776   | 46252   | 46029   | 0.52   | cps   |
| Tin        | 118-1 | 22202   | 22578   | 22311   | 22364   | 0.86   | cps   |
| Titanium   | 47-1  | 4784    | 4768    | 4701    | 4751    | 0.93   | cps   |
| Uranium    | 238-1 | 53441   | 53089   | 53524   | 53351   | 0.43   | cps   |
| Vanadium   | 51-2  | 3954    | 4121    | 4174    | 4083    | 2.81   | cps   |
| Yttrium    | 89-1  | 4985347 | 5011956 | 5066895 | 5021400 | 0.83   | cps   |
| Yttrium    | 89-2  | 252241  | 257583  | 252291  | 254038  | 1.21   | cps   |
| Zinc       | 66-2  | 1964    | 2070    | 1997    | 2010    | 2.72   | cps   |
| Zirconium  | 90-1  | 47492   | 47450   | 48312   | 47751   | 1.02   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#12        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#12        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:20:45 | DataFile Name :   | 071SMPL_P8072417.D |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 91-1 | 10913 | 10229 | 10655 | 10599   | 3.26   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#13 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#13 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:23:57 DataFile Name : 072SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 767     | 733     | 692     | 731     | 5.14   | cps   |
| Antimony   | 121-1 | 29843   | 29108   | 29316   | 29422   | 1.29   | cps   |
| Arsenic    | 75-2  | 644     | 685     | 698     | 676     | 4.15   | cps   |
| Barium     | 135-1 | 28123   | 28807   | 28406   | 28445   | 1.21   | cps   |
| Barium     | 137-1 | 49469   | 49594   | 49903   | 49656   | 0.45   | cps   |
| Beryllium  | 9-1   | 4534    | 4423    | 4356    | 4438    | 2.02   | cps   |
| Bismuth    | 209-1 | 2701381 | 2644712 | 2606348 | 2650813 | 1.80   | cps   |
| Bismuth    | 209-2 | 1215591 | 1208034 | 1202571 | 1208732 | 0.54   | cps   |
| Boron      | 10-1  | 875     | 892     | 925     | 897     | 2.84   | cps   |
| Boron      | 11-1  | 4501    | 4393    | 4776    | 4556    | 4.34   | cps   |
| Cadmium    | 111-1 | 7751    | 7217    | 7333    | 7434    | 3.78   | cps   |
| Cadmium    | 106-1 | 1725    | 1542    | 1834    | 1700    | 8.67   | cps   |
| Cadmium    | 108-1 | 500     | 538     | 563     | 533     | 5.90   | cps   |
| Calcium    | 43-1  | 11405   | 11322   | 11714   | 11480   | 1.80   | cps   |
| Calcium    | 44-1  | 188196  | 189861  | 186480  | 188179  | 0.90   | cps   |
| Chromium   | 52-2  | 5975    | 6171    | 6462    | 6203    | 3.95   | cps   |
| Cobalt     | 59-2  | 10371   | 10427   | 10487   | 10429   | 0.56   | cps   |
| Copper     | 63-2  | 18212   | 18152   | 18095   | 18153   | 0.32   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 42      | 75      | 50      | 56      | 31.22  | cps   |
| Gadolinium | 160-2 | 20      | 17      | 3       | 13      | 66.16  | cps   |
| Holmium    | 165-1 | 4597895 | 4611820 | 4534016 | 4581243 | 0.91   | cps   |
| Holmium    | 165-2 | 1604628 | 1614640 | 1622588 | 1613952 | 0.56   | cps   |
| Indium     | 115-1 | 4531749 | 4498924 | 4487103 | 4505925 | 0.51   | cps   |
| Indium     | 115-2 | 330722  | 332331  | 330610  | 331221  | 0.29   | cps   |
| Iron       | 56-2  | 175631  | 176248  | 174056  | 175311  | 0.64   | cps   |
| Iron       | 57-2  | 4434    | 4418    | 4312    | 4388    | 1.51   | cps   |
| Lead       | 206-1 | 14064   | 13897   | 13140   | 13700   | 3.59   | cps   |
| Lead       | 207-1 | 12267   | 12868   | 12568   | 12568   | 2.39   | cps   |
| Lead       | 208-1 | 56122   | 57397   | 54386   | 55968   | 2.70   | cps   |
| Lithium    | 6-1   | 556526  | 562984  | 552600  | 557370  | 0.94   | cps   |
| Magnesium  | 24-2  | 17561   | 17787   | 18070   | 17806   | 1.43   | cps   |
| Manganese  | 55-2  | 3010    | 3020    | 3030    | 3020    | 0.33   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#13        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#13        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:23:57 | DataFile Name :   | 072SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 23413   | 22670   | 23313   | 23132   | 1.74   | cps   |
| Molybdenum | 95-1  | 12898   | 13516   | 13682   | 13366   | 3.09   | cps   |
| Molybdenum | 96-1  | 16903   | 17487   | 16602   | 16997   | 2.65   | cps   |
| Molybdenum | 97-1  | 8295    | 8853    | 8186    | 8445    | 4.24   | cps   |
| Molybdenum | 98-1  | 21368   | 21384   | 21677   | 21476   | 0.81   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 27      | 22      | 17.33  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 3090    | 3134    | 3234    | 3153    | 2.33   | cps   |
| Phosphorus | 31-2  | 75      | 50      | 92      | 72      | 29.04  | cps   |
| Potassium  | 39-2  | 9662    | 9996    | 10429   | 10029   | 3.84   | cps   |
| Rhodium    | 103-1 | 4513403 | 4423876 | 4404120 | 4447133 | 1.31   | cps   |
| Rhodium    | 103-2 | 1740954 | 1769344 | 1749103 | 1753134 | 0.83   | cps   |
| Scandium   | 45-1  | 3290488 | 3259178 | 3198325 | 3249331 | 1.44   | cps   |
| Scandium   | 45-2  | 40479   | 41241   | 40214   | 40644   | 1.31   | cps   |
| Selenium   | 77-2  | 7       | 0       | 17      | 8       | 107.84 | cps   |
| Selenium   | 78-2  | 17      | 17      | 24      | 19      | 22.33  | cps   |
| Selenium   | 82-1  | 396     | 421     | 418     | 412     | 3.30   | cps   |
| Silicon    | 28-1  | 404409  | 409119  | 396677  | 403402  | 1.56   | cps   |
| Silver     | 109-1 | 31104   | 31780   | 31288   | 31391   | 1.11   | cps   |
| Silver     | 107-1 | 33418   | 33935   | 33843   | 33732   | 0.82   | cps   |
| Sodium     | 23-2  | 51444   | 52615   | 50616   | 51558   | 1.95   | cps   |
| Strontium  | 86-1  | 9645    | 9529    | 9737    | 9637    | 1.08   | cps   |
| Strontium  | 88-1  | 72844   | 72543   | 73600   | 72996   | 0.75   | cps   |
| Sulfur     | 34-1  | 337405  | 340550  | 337677  | 338544  | 0.51   | cps   |
| Terbium    | 159-1 | 4981178 | 4920285 | 4784853 | 4895439 | 2.05   | cps   |
| Terbium    | 159-2 | 1630839 | 1581277 | 1581268 | 1597794 | 1.79   | cps   |
| Thallium   | 203-1 | 17104   | 17004   | 17329   | 17146   | 0.97   | cps   |
| Thallium   | 205-1 | 40123   | 38685   | 40139   | 39649   | 2.11   | cps   |
| Tin        | 118-1 | 20283   | 20633   | 21042   | 20653   | 1.84   | cps   |
| Titanium   | 47-1  | 3992    | 4559    | 4017    | 4190    | 7.65   | cps   |
| Uranium    | 238-1 | 47777   | 47977   | 46705   | 47486   | 1.44   | cps   |
| Vanadium   | 51-2  | 3711    | 3814    | 3794    | 3773    | 1.45   | cps   |
| Yttrium    | 89-1  | 5006420 | 4989684 | 4934548 | 4976884 | 0.76   | cps   |
| Yttrium    | 89-2  | 254325  | 255389  | 257869  | 255861  | 0.71   | cps   |
| Zinc       | 66-2  | 2034    | 1900    | 1960    | 1965    | 3.40   | cps   |
| Zirconium  | 90-1  | 45067   | 43546   | 44173   | 44262   | 1.73   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#13        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#13        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:23:57 | DataFile Name :   | 072SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9996 | 9470 | 9829 | 9765    | 2.75   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 Soil#14 Instrumnet Name : P8  
 Client Sample ID : 6020 Soil#14 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:27:08 DataFile Name : 073SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 725     | 792     | 600     | 706     | 13.79  | cps   |
| Antimony   | 121-1 | 28398   | 28356   | 28097   | 28284   | 0.58   | cps   |
| Arsenic    | 75-2  | 635     | 596     | 674     | 635     | 6.12   | cps   |
| Barium     | 135-1 | 27546   | 27763   | 27321   | 27543   | 0.80   | cps   |
| Barium     | 137-1 | 48323   | 47888   | 47746   | 47985   | 0.63   | cps   |
| Beryllium  | 9-1   | 4262    | 4028    | 4284    | 4191    | 3.38   | cps   |
| Bismuth    | 209-1 | 2640181 | 2585579 | 2667560 | 2631106 | 1.59   | cps   |
| Bismuth    | 209-2 | 1212049 | 1194624 | 1193755 | 1200143 | 0.86   | cps   |
| Boron      | 10-1  | 892     | 967     | 850     | 903     | 6.55   | cps   |
| Boron      | 11-1  | 4534    | 4326    | 4318    | 4393    | 2.80   | cps   |
| Cadmium    | 111-1 | 7243    | 7257    | 7031    | 7177    | 1.76   | cps   |
| Cadmium    | 106-1 | 1742    | 1508    | 1483    | 1578    | 9.03   | cps   |
| Cadmium    | 108-1 | 421     | 471     | 471     | 454     | 6.36   | cps   |
| Calcium    | 43-1  | 11405   | 10221   | 11197   | 10941   | 5.78   | cps   |
| Calcium    | 44-1  | 187165  | 184945  | 187568  | 186559  | 0.76   | cps   |
| Chromium   | 52-2  | 5888    | 6011    | 6088    | 5996    | 1.68   | cps   |
| Cobalt     | 59-2  | 10471   | 10090   | 10227   | 10263   | 1.88   | cps   |
| Copper     | 63-2  | 17274   | 17501   | 17191   | 17322   | 0.93   | cps   |
| Dysprosium | 156-1 | 33      | 8       | 17      | 19      | 65.47  | cps   |
| Dysprosium | 156-2 | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 8       | 0       | 14      | 124.91 | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 33      | 58      | 33      | 42      | 34.65  | cps   |
| Gadolinium | 160-2 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 4656051 | 4472401 | 4610738 | 4579730 | 2.09   | cps   |
| Holmium    | 165-2 | 1645480 | 1634867 | 1577438 | 1619262 | 2.26   | cps   |
| Indium     | 115-1 | 4477103 | 4416340 | 4558899 | 4484114 | 1.60   | cps   |
| Indium     | 115-2 | 333514  | 329223  | 329144  | 330627  | 0.76   | cps   |
| Iron       | 56-2  | 168307  | 168235  | 168730  | 168424  | 0.16   | cps   |
| Iron       | 57-2  | 4479    | 4062    | 4128    | 4223    | 5.30   | cps   |
| Lead       | 206-1 | 13229   | 13713   | 13691   | 13545   | 2.02   | cps   |
| Lead       | 207-1 | 12340   | 12340   | 12140   | 12273   | 0.94   | cps   |
| Lead       | 208-1 | 54235   | 54820   | 54575   | 54543   | 0.54   | cps   |
| Lithium    | 6-1   | 550339  | 545864  | 557940  | 551381  | 1.11   | cps   |
| Magnesium  | 24-2  | 17245   | 16202   | 17269   | 16905   | 3.60   | cps   |
| Manganese  | 55-2  | 2897    | 2977    | 2914    | 2929    | 1.44   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#14        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#14        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:27:08 | DataFile Name :   | 073SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22227   | 22420   | 22386   | 22344   | 0.46   | cps   |
| Molybdenum | 95-1  | 12765   | 13391   | 12590   | 12915   | 3.26   | cps   |
| Molybdenum | 96-1  | 15952   | 16519   | 16144   | 16205   | 1.78   | cps   |
| Molybdenum | 97-1  | 7878    | 7778    | 8345    | 8000    | 3.78   | cps   |
| Molybdenum | 98-1  | 20516   | 20792   | 20157   | 20488   | 1.55   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 0       | 9       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 3330    | 3064    | 3077    | 3157    | 4.76   | cps   |
| Phosphorus | 31-2  | 83      | 50      | 108     | 81      | 36.33  | cps   |
| Potassium  | 39-2  | 9620    | 9729    | 9353    | 9568    | 2.02   | cps   |
| Rhodium    | 103-1 | 4482464 | 4393867 | 4469705 | 4448679 | 1.08   | cps   |
| Rhodium    | 103-2 | 1762103 | 1733681 | 1751478 | 1749088 | 0.82   | cps   |
| Scandium   | 45-1  | 3316025 | 3247640 | 3310480 | 3291382 | 1.15   | cps   |
| Scandium   | 45-2  | 39589   | 40047   | 40107   | 39915   | 0.71   | cps   |
| Selenium   | 77-2  | 10      | 13      | 3       | 9       | 57.30  | cps   |
| Selenium   | 78-2  | 17      | 22      | 24      | 21      | 18.35  | cps   |
| Selenium   | 82-1  | 443     | 286     | 296     | 342     | 25.68  | cps   |
| Silicon    | 28-1  | 404398  | 407095  | 404922  | 405472  | 0.35   | cps   |
| Silver     | 109-1 | 30035   | 31062   | 29408   | 30168   | 2.77   | cps   |
| Silver     | 107-1 | 32908   | 33025   | 32398   | 32777   | 1.02   | cps   |
| Sodium     | 23-2  | 49269   | 51184   | 49889   | 50114   | 1.95   | cps   |
| Strontium  | 86-1  | 9604    | 9387    | 9470    | 9487    | 1.15   | cps   |
| Strontium  | 88-1  | 69780   | 70189   | 71279   | 70416   | 1.10   | cps   |
| Sulfur     | 34-1  | 339066  | 342398  | 342109  | 341191  | 0.54   | cps   |
| Terbium    | 159-1 | 4892336 | 4830067 | 4947281 | 4889895 | 1.20   | cps   |
| Terbium    | 159-2 | 1571425 | 1573643 | 1602562 | 1582543 | 1.10   | cps   |
| Thallium   | 203-1 | 16127   | 16461   | 15744   | 16111   | 2.23   | cps   |
| Thallium   | 205-1 | 39045   | 39095   | 38710   | 38950   | 0.54   | cps   |
| Tin        | 118-1 | 20542   | 20692   | 20233   | 20489   | 1.14   | cps   |
| Titanium   | 47-1  | 4092    | 4059    | 3942    | 4031    | 1.95   | cps   |
| Uranium    | 238-1 | 47199   | 46781   | 46479   | 46820   | 0.77   | cps   |
| Vanadium   | 51-2  | 3354    | 3604    | 3434    | 3464    | 3.69   | cps   |
| Yttrium    | 89-1  | 5038457 | 4916140 | 5014906 | 4989834 | 1.30   | cps   |
| Yttrium    | 89-2  | 254674  | 252560  | 255614  | 254282  | 0.62   | cps   |
| Zinc       | 66-2  | 1767    | 1813    | 1797    | 1792    | 1.32   | cps   |
| Zirconium  | 90-1  | 42459   | 41205   | 40269   | 41311   | 2.66   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 Soil#14        | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 Soil#14        | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:27:08 | DataFile Name :   | 073SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9162 | 9178 | 9178 | 9173    | 0.11   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 6020 PBW Instrumnet Name : P8  
 Client Sample ID : 6020 PBW Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 18:30:19 DataFile Name : 074CCBE\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Antimony   | 121-1 | 217     | 158     | 100     | 158     | 36.84  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 17      | 42      | 50      | 36      | 48.03  | cps   |
| Barium     | 137-1 | 17      | 33      | 17      | 22      | 43.28  | cps   |
| Beryllium  | 9-1   | 50      | 72      | 39      | 54      | 31.60  | cps   |
| Bismuth    | 209-1 | 2642513 | 2628162 | 2658647 | 2643107 | 0.58   | cps   |
| Bismuth    | 209-2 | 1207743 | 1207323 | 1189527 | 1201531 | 0.87   | cps   |
| Boron      | 10-1  | 608     | 442     | 525     | 525     | 15.87  | cps   |
| Boron      | 11-1  | 2200    | 2250    | 2075    | 2175    | 4.14   | cps   |
| Cadmium    | 111-1 | 822     | 750     | 758     | 777     | 5.07   | cps   |
| Cadmium    | 106-1 | 1167    | 1067    | 1083    | 1106    | 4.85   | cps   |
| Cadmium    | 108-1 | 4       | 13      | 13      | 10      | 49.46  | cps   |
| Calcium    | 43-1  | 3484    | 2884    | 2809    | 3059    | 12.10  | cps   |
| Calcium    | 44-1  | 52524   | 53410   | 52223   | 52719   | 1.17   | cps   |
| Chromium   | 52-2  | 1170    | 1110    | 1213    | 1165    | 4.46   | cps   |
| Cobalt     | 59-2  | 37      | 40      | 37      | 38      | 5.09   | cps   |
| Copper     | 63-2  | 250     | 310     | 307     | 289     | 11.67  | cps   |
| Dysprosium | 156-1 | 17      | 17      | 17      | 17      | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 0       | 25      | 14      | 91.65  | cps   |
| Erbium     | 164-2 | 3       | 3       | 7       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 42      | 42      | 25      | 36      | 26.65  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 4572794 | 4618557 | 4580072 | 4590474 | 0.54   | cps   |
| Holmium    | 165-2 | 1659603 | 1667087 | 1643949 | 1656880 | 0.71   | cps   |
| Indium     | 115-1 | 4543495 | 4590558 | 4520808 | 4551620 | 0.78   | cps   |
| Indium     | 115-2 | 328960  | 331133  | 327123  | 329072  | 0.61   | cps   |
| Iron       | 56-2  | 4512    | 4384    | 4201    | 4366    | 3.58   | cps   |
| Iron       | 57-2  | 133     | 111     | 128     | 124     | 9.32   | cps   |
| Lead       | 206-1 | 239     | 222     | 294     | 252     | 15.02  | cps   |
| Lead       | 207-1 | 189     | 228     | 228     | 215     | 10.45  | cps   |
| Lead       | 208-1 | 1061    | 950     | 1133    | 1048    | 8.81   | cps   |
| Lithium    | 6-1   | 557274  | 560874  | 559597  | 559248  | 0.33   | cps   |
| Magnesium  | 24-2  | 100     | 167     | 125     | 131     | 25.80  | cps   |
| Manganese  | 55-2  | 93      | 110     | 70      | 91      | 22.05  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBW            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBW            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:30:19 | DataFile Name :   | 074CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 183     | 208     | 183     | 192     | 7.53    | cps   |
| Molybdenum | 95-1  | 25      | 8       | 0       | 11      | 114.58  | cps   |
| Molybdenum | 96-1  | 50      | 50      | 50      | 50      | 0.00    | cps   |
| Molybdenum | 97-1  | 50      | 42      | 50      | 47      | 10.18   | cps   |
| Molybdenum | 98-1  | 42      | 0       | 33      | 25      | 88.19   | cps   |
| Neodymium  | 150-1 | 20      | 7       | 0       | 9       | 114.55  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 93      | 113     | 77      | 94      | 19.44   | cps   |
| Phosphorus | 31-2  | 75      | 25      | 8       | 36      | 96.09   | cps   |
| Potassium  | 39-2  | 3984    | 4418    | 4218    | 4206    | 5.16    | cps   |
| Rhodium    | 103-1 | 4484657 | 4468117 | 4482840 | 4478538 | 0.20    | cps   |
| Rhodium    | 103-2 | 1768270 | 1772341 | 1759336 | 1766649 | 0.38    | cps   |
| Scandium   | 45-1  | 3262095 | 3332737 | 3312272 | 3302368 | 1.10    | cps   |
| Scandium   | 45-2  | 40676   | 40294   | 39222   | 40064   | 1.88    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 6       | 2       | 2       | 114.63  | cps   |
| Selenium   | 82-1  | 11      | 19      | -123    | -31     | -257.55 | cps   |
| Silicon    | 28-1  | 393018  | 392307  | 389716  | 391680  | 0.44    | cps   |
| Silver     | 109-1 | 125     | 92      | 117     | 111     | 15.61   | cps   |
| Silver     | 107-1 | 67      | 117     | 142     | 108     | 35.25   | cps   |
| Sodium     | 23-2  | 9028    | 9162    | 9203    | 9131    | 1.00    | cps   |
| Strontium  | 86-1  | 1150    | 1250    | 1125    | 1175    | 5.63    | cps   |
| Strontium  | 88-1  | 233     | 300     | 300     | 278     | 13.86   | cps   |
| Sulfur     | 34-1  | 342223  | 345283  | 344907  | 344138  | 0.48    | cps   |
| Terbium    | 159-1 | 4900358 | 4889595 | 4831587 | 4873847 | 0.76    | cps   |
| Terbium    | 159-2 | 1615340 | 1627074 | 1600704 | 1614372 | 0.82    | cps   |
| Thallium   | 203-1 | 50      | 67      | 100     | 72      | 35.26   | cps   |
| Thallium   | 205-1 | 83      | 167     | 142     | 131     | 32.75   | cps   |
| Tin        | 118-1 | 558     | 583     | 592     | 578     | 3.00    | cps   |
| Titanium   | 47-1  | 133     | 192     | 108     | 144     | 29.61   | cps   |
| Uranium    | 238-1 | 50      | 50      | 50      | 50      | 0.00    | cps   |
| Vanadium   | 51-2  | 13      | 7       | 13      | 11      | 34.61   | cps   |
| Yttrium    | 89-1  | 5015093 | 5038486 | 5095992 | 5049857 | 0.82    | cps   |
| Yttrium    | 89-2  | 253402  | 254058  | 253039  | 253500  | 0.20    | cps   |
| Zinc       | 66-2  | 53      | 70      | 60      | 61      | 13.73   | cps   |
| Zirconium  | 90-1  | 583     | 550     | 417     | 517     | 17.07   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBW            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBW            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:30:19 | DataFile Name :   | 074CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 58   | 92   | 89      | 32.92  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Antimony   | 121-1 | 25      | 108     | 108     | 81      | 59.73  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Barium     | 135-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Barium     | 137-1 | 42      | 25      | 25      | 31      | 31.50  | cps   |
| Beryllium  | 9-1   | 61      | 22      | 44      | 43      | 45.81  | cps   |
| Bismuth    | 209-1 | 2658797 | 2666658 | 2646971 | 2657476 | 0.37   | cps   |
| Bismuth    | 209-2 | 1195691 | 1195993 | 1195160 | 1195615 | 0.04   | cps   |
| Boron      | 10-1  | 275     | 333     | 317     | 308     | 9.75   | cps   |
| Boron      | 11-1  | 1183    | 1533    | 1317    | 1345    | 13.14  | cps   |
| Cadmium    | 111-1 | 703     | 717     | 707     | 709     | 1.05   | cps   |
| Cadmium    | 106-1 | 1008    | 1017    | 1017    | 1014    | 0.47   | cps   |
| Cadmium    | 108-1 | 17      | 4       | 13      | 11      | 57.27  | cps   |
| Calcium    | 43-1  | 3426    | 2650    | 2809    | 2962    | 13.83  | cps   |
| Calcium    | 44-1  | 52307   | 50960   | 51186   | 51484   | 1.40   | cps   |
| Chromium   | 52-2  | 1207    | 1143    | 1067    | 1139    | 6.16   | cps   |
| Cobalt     | 59-2  | 67      | 73      | 73      | 71      | 5.41   | cps   |
| Copper     | 63-2  | 260     | 190     | 283     | 244     | 19.87  | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 25      | 8       | 19      | 49.50  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 8       | 67      | 42      | 39      | 75.26  | cps   |
| Gadolinium | 160-2 | 0       | 17      | 10      | 9       | 94.38  | cps   |
| Holmium    | 165-1 | 4569436 | 4601567 | 4536866 | 4569290 | 0.71   | cps   |
| Holmium    | 165-2 | 1572724 | 1585781 | 1640174 | 1599560 | 2.24   | cps   |
| Indium     | 115-1 | 4478748 | 4494821 | 4485051 | 4486207 | 0.18   | cps   |
| Indium     | 115-2 | 328422  | 328192  | 329925  | 328846  | 0.29   | cps   |
| Iron       | 56-2  | 4190    | 4317    | 4484    | 4330    | 3.41   | cps   |
| Iron       | 57-2  | 139     | 150     | 100     | 130     | 20.26  | cps   |
| Lead       | 206-1 | 244     | 189     | 272     | 235     | 18.04  | cps   |
| Lead       | 207-1 | 183     | 222     | 244     | 217     | 14.28  | cps   |
| Lead       | 208-1 | 939     | 922     | 1045    | 969     | 6.84   | cps   |
| Lithium    | 6-1   | 552680  | 558870  | 556468  | 556006  | 0.56   | cps   |
| Magnesium  | 24-2  | 92      | 125     | 100     | 106     | 16.44  | cps   |
| Manganese  | 55-2  | 67      | 60      | 80      | 69      | 14.78  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 142     | 192     | 167     | 167     | 15.00   | cps   |
| Molybdenum | 95-1  | 0       | 33      | 8       | 14      | 124.91  | cps   |
| Molybdenum | 96-1  | 58      | 42      | 75      | 58      | 28.57   | cps   |
| Molybdenum | 97-1  | 58      | 75      | 33      | 56      | 37.74   | cps   |
| Molybdenum | 98-1  | 8       | 17      | 8       | 11      | 43.34   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 7       | 2       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 83      | 70      | 73      | 76      | 9.19    | cps   |
| Phosphorus | 31-2  | 33      | 17      | 17      | 22      | 43.28   | cps   |
| Potassium  | 39-2  | 4334    | 4276    | 4268    | 4293    | 0.85    | cps   |
| Rhodium    | 103-1 | 4399056 | 4467021 | 4431739 | 4432605 | 0.77    | cps   |
| Rhodium    | 103-2 | 1746411 | 1732953 | 1732300 | 1737221 | 0.46    | cps   |
| Scandium   | 45-1  | 3263219 | 3271308 | 3274647 | 3269725 | 0.18    | cps   |
| Scandium   | 45-2  | 40221   | 39619   | 40809   | 40217   | 1.48    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 6       | 9       | 6       | 45.85   | cps   |
| Selenium   | 82-1  | -23     | -75     | 45      | -18     | -341.37 | cps   |
| Silicon    | 28-1  | 388432  | 391125  | 392097  | 390551  | 0.49    | cps   |
| Silver     | 109-1 | 67      | 92      | 42      | 67      | 37.50   | cps   |
| Silver     | 107-1 | 67      | 67      | 142     | 92      | 47.24   | cps   |
| Sodium     | 23-2  | 8578    | 8286    | 8703    | 8522    | 2.51    | cps   |
| Strontium  | 86-1  | 1183    | 1175    | 1075    | 1145    | 5.27    | cps   |
| Strontium  | 88-1  | 308     | 225     | 275     | 269     | 15.57   | cps   |
| Sulfur     | 34-1  | 337491  | 343884  | 344418  | 341931  | 1.13    | cps   |
| Terbium    | 159-1 | 4851382 | 4955059 | 4868658 | 4891700 | 1.14    | cps   |
| Terbium    | 159-2 | 1571110 | 1615608 | 1610782 | 1599167 | 1.53    | cps   |
| Thallium   | 203-1 | 42      | 33      | 42      | 39      | 12.38   | cps   |
| Thallium   | 205-1 | 108     | 108     | 142     | 119     | 16.11   | cps   |
| Tin        | 118-1 | 400     | 425     | 533     | 453     | 15.65   | cps   |
| Titanium   | 47-1  | 83      | 117     | 175     | 125     | 37.12   | cps   |
| Uranium    | 238-1 | 25      | 0       | 25      | 17      | 86.60   | cps   |
| Vanadium   | 51-2  | 20      | 10      | 17      | 16      | 32.73   | cps   |
| Yttrium    | 89-1  | 4970056 | 5050434 | 4967283 | 4995925 | 0.95    | cps   |
| Yttrium    | 89-2  | 251596  | 252779  | 254637  | 253004  | 0.61    | cps   |
| Zinc       | 66-2  | 67      | 17      | 60      | 48      | 56.82   | cps   |
| Zirconium  | 90-1  | 475     | 333     | 400     | 403     | 17.60   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 PBS            | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 PBS            | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:45:50 | DataFile Name :   | 076CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 75   | 92   | 75      | 22.22  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Antimony   | 121-1 | 58      | 83      | 75      | 72      | 17.62  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 4       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 25      | 33      | 25      | 28      | 17.31  | cps   |
| Barium     | 137-1 | 17      | 42      | 42      | 33      | 43.30  | cps   |
| Beryllium  | 9-1   | 50      | 33      | 50      | 44      | 21.66  | cps   |
| Bismuth    | 209-1 | 2642164 | 2661707 | 2689831 | 2664567 | 0.90   | cps   |
| Bismuth    | 209-2 | 1210600 | 1196677 | 1196611 | 1201296 | 0.67   | cps   |
| Boron      | 10-1  | 342     | 258     | 275     | 292     | 15.12  | cps   |
| Boron      | 11-1  | 1425    | 1500    | 1517    | 1481    | 3.30   | cps   |
| Cadmium    | 111-1 | 803     | 715     | 691     | 736     | 8.02   | cps   |
| Cadmium    | 106-1 | 1133    | 1025    | 975     | 1045    | 7.75   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 0       | 3       | 86.60  | cps   |
| Calcium    | 43-1  | 3042    | 3017    | 2725    | 2928    | 6.01   | cps   |
| Calcium    | 44-1  | 48501   | 49605   | 51094   | 49733   | 2.62   | cps   |
| Chromium   | 52-2  | 1197    | 1033    | 1123    | 1118    | 7.32   | cps   |
| Cobalt     | 59-2  | 67      | 47      | 70      | 61      | 20.65  | cps   |
| Copper     | 63-2  | 267     | 237     | 257     | 253     | 6.03   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 8       | 58      | 39      | 68.89  | cps   |
| Erbium     | 164-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 100     | 25      | 50      | 58      | 65.47  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 17      | 9       | 78.08  | cps   |
| Holmium    | 165-1 | 4517094 | 4634904 | 4617329 | 4589776 | 1.38   | cps   |
| Holmium    | 165-2 | 1630017 | 1621300 | 1644786 | 1632034 | 0.73   | cps   |
| Indium     | 115-1 | 4527835 | 4540866 | 4535103 | 4534602 | 0.14   | cps   |
| Indium     | 115-2 | 328460  | 326901  | 329582  | 328314  | 0.41   | cps   |
| Iron       | 56-2  | 4395    | 4729    | 4445    | 4523    | 3.98   | cps   |
| Iron       | 57-2  | 111     | 106     | 100     | 106     | 5.27   | cps   |
| Lead       | 206-1 | 267     | 200     | 211     | 226     | 15.81  | cps   |
| Lead       | 207-1 | 200     | 222     | 200     | 207     | 6.19   | cps   |
| Lead       | 208-1 | 944     | 944     | 1017    | 969     | 4.31   | cps   |
| Lithium    | 6-1   | 563052  | 570527  | 570284  | 567954  | 0.75   | cps   |
| Magnesium  | 24-2  | 108     | 92      | 100     | 100     | 8.33   | cps   |
| Manganese  | 55-2  | 83      | 80      | 90      | 84      | 6.03   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 150     | 75      | 175     | 133     | 39.03  | cps   |
| Molybdenum | 95-1  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Molybdenum | 96-1  | 42      | 33      | 50      | 42      | 20.00  | cps   |
| Molybdenum | 97-1  | 50      | 50      | 50      | 50      | 0.00   | cps   |
| Molybdenum | 98-1  | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 83      | 80      | 100     | 88      | 12.21  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 4384    | 4693    | 4167    | 4415    | 5.98   | cps   |
| Rhodium    | 103-1 | 4439559 | 4483884 | 4447986 | 4457143 | 0.53   | cps   |
| Rhodium    | 103-2 | 1755891 | 1727135 | 1761353 | 1748126 | 1.05   | cps   |
| Scandium   | 45-1  | 3290725 | 3266583 | 3265704 | 3274337 | 0.43   | cps   |
| Scandium   | 45-2  | 39997   | 39288   | 40859   | 40048   | 1.96   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 4       | 0       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | -34     | 40      | 40      | 15      | 282.63 | cps   |
| Silicon    | 28-1  | 385953  | 395219  | 391258  | 390810  | 1.19   | cps   |
| Silver     | 109-1 | 83      | 92      | 33      | 69      | 45.44  | cps   |
| Silver     | 107-1 | 42      | 58      | 83      | 61      | 34.32  | cps   |
| Sodium     | 23-2  | 8219    | 8019    | 8236    | 8158    | 1.48   | cps   |
| Strontium  | 86-1  | 1200    | 1050    | 1067    | 1106    | 7.44   | cps   |
| Strontium  | 88-1  | 250     | 225     | 292     | 256     | 13.18  | cps   |
| Sulfur     | 34-1  | 347590  | 352409  | 354761  | 351587  | 1.04   | cps   |
| Terbium    | 159-1 | 4930238 | 4851426 | 4938061 | 4906575 | 0.98   | cps   |
| Terbium    | 159-2 | 1599057 | 1594768 | 1584438 | 1592754 | 0.47   | cps   |
| Thallium   | 203-1 | 108     | 8       | 50      | 56      | 90.42  | cps   |
| Thallium   | 205-1 | 100     | 133     | 125     | 119     | 14.52  | cps   |
| Tin        | 118-1 | 583     | 525     | 567     | 558     | 5.38   | cps   |
| Titanium   | 47-1  | 158     | 158     | 125     | 147     | 13.07  | cps   |
| Uranium    | 238-1 | 17      | 50      | 8       | 25      | 88.19  | cps   |
| Vanadium   | 51-2  | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Yttrium    | 89-1  | 4981247 | 5052676 | 5037159 | 5023694 | 0.75   | cps   |
| Yttrium    | 89-2  | 254279  | 254314  | 253570  | 254055  | 0.17   | cps   |
| Zinc       | 66-2  | 40      | 43      | 63      | 49      | 25.81  | cps   |
| Zirconium  | 90-1  | 392     | 433     | 242     | 356     | 28.35  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 PBW           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 PBW           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:52:07 | DataFile Name :   | 078CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 50   | 83   | 92      | 50.62  | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 81669    | 81568    | 80796    | 81344    | 0.59   | cps   |
| Antimony   | 121-1 | 3771612  | 3768082  | 3801636  | 3780443  | 0.49   | cps   |
| Arsenic    | 75-2  | 77195    | 77419    | 77838    | 77484    | 0.42   | cps   |
| Barium     | 135-1 | 3696321  | 3683301  | 3718093  | 3699238  | 0.48   | cps   |
| Barium     | 137-1 | 6312308  | 6305384  | 6436973  | 6351555  | 1.17   | cps   |
| Beryllium  | 9-1   | 551679   | 541625   | 549817   | 547707   | 0.98   | cps   |
| Bismuth    | 209-1 | 2760911  | 2765622  | 2753062  | 2759865  | 0.23   | cps   |
| Bismuth    | 209-2 | 1255297  | 1249368  | 1203336  | 1236000  | 2.30   | cps   |
| Boron      | 10-1  | 66496    | 67442    | 67986    | 67308    | 1.12   | cps   |
| Boron      | 11-1  | 311415   | 317971   | 321436   | 316941   | 1.61   | cps   |
| Cadmium    | 111-1 | 830149   | 826983   | 829868   | 829000   | 0.21   | cps   |
| Cadmium    | 106-1 | 85060    | 84916    | 87642    | 85873    | 1.79   | cps   |
| Cadmium    | 108-1 | 58066    | 57175    | 58175    | 57805    | 0.95   | cps   |
| Calcium    | 43-1  | 1030386  | 1025213  | 1016334  | 1023978  | 0.69   | cps   |
| Calcium    | 44-1  | 16865927 | 16622167 | 16693641 | 16727245 | 0.75   | cps   |
| Chromium   | 52-2  | 600754   | 596532   | 603533   | 600273   | 0.59   | cps   |
| Cobalt     | 59-2  | 1225585  | 1217925  | 1235098  | 1226203  | 0.70   | cps   |
| Copper     | 63-2  | 2166543  | 2144140  | 2175128  | 2161937  | 0.74   | cps   |
| Dysprosium | 156-1 | 75       | 50       | 67       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 17       | 3        | 7        | 9        | 78.08  | cps   |
| Erbium     | 164-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Erbium     | 164-2 | 13       | 3        | 0        | 6        | 124.93 | cps   |
| Gadolinium | 160-1 | 25       | 75       | 108      | 69       | 60.40  | cps   |
| Gadolinium | 160-2 | 17       | 37       | 23       | 26       | 39.85  | cps   |
| Holmium    | 165-1 | 4797576  | 4834642  | 4856464  | 4829561  | 0.62   | cps   |
| Holmium    | 165-2 | 1727142  | 1743825  | 1651391  | 1707453  | 2.89   | cps   |
| Indium     | 115-1 | 4504514  | 4582942  | 4525956  | 4537804  | 0.89   | cps   |
| Indium     | 115-2 | 325490   | 324165   | 315170   | 321609   | 1.75   | cps   |
| Iron       | 56-2  | 20704162 | 20477437 | 20549200 | 20576933 | 0.56   | cps   |
| Iron       | 57-2  | 511682   | 509935   | 509734   | 510450   | 0.21   | cps   |
| Lead       | 206-1 | 1759861  | 1785635  | 1815960  | 1787152  | 1.57   | cps   |
| Lead       | 207-1 | 1551196  | 1576844  | 1600953  | 1576331  | 1.58   | cps   |
| Lead       | 208-1 | 7115763  | 7265030  | 7282632  | 7221142  | 1.27   | cps   |
| Lithium    | 6-1   | 591825   | 597564   | 596883   | 595424   | 0.53   | cps   |
| Magnesium  | 24-2  | 2088976  | 2061520  | 2123771  | 2091422  | 1.49   | cps   |
| Manganese  | 55-2  | 352903   | 351816   | 354804   | 353174   | 0.43   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3028356 | 2981006 | 3002581 | 3003981 | 0.79   | cps   |
| Molybdenum | 95-1  | 1693604 | 1705776 | 1712754 | 1704045 | 0.57   | cps   |
| Molybdenum | 96-1  | 2169719 | 2175566 | 2197284 | 2180856 | 0.67   | cps   |
| Molybdenum | 97-1  | 1030483 | 1034609 | 1035132 | 1033408 | 0.25   | cps   |
| Molybdenum | 98-1  | 2714147 | 2764126 | 2764245 | 2747506 | 1.05   | cps   |
| Neodymium  | 150-1 | 133     | 133     | 187     | 151     | 20.38  | cps   |
| Neodymium  | 150-2 | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Nickel     | 60-2  | 359794  | 359622  | 358774  | 359397  | 0.15   | cps   |
| Phosphorus | 31-2  | 6794    | 6669    | 6919    | 6794    | 1.84   | cps   |
| Potassium  | 39-2  | 679596  | 673129  | 678655  | 677127  | 0.52   | cps   |
| Rhodium    | 103-1 | 4478758 | 4492217 | 4477306 | 4482760 | 0.18   | cps   |
| Rhodium    | 103-2 | 1730781 | 1694194 | 1652681 | 1692552 | 2.31   | cps   |
| Scandium   | 45-1  | 3393463 | 3295636 | 3307175 | 3332091 | 1.60   | cps   |
| Scandium   | 45-2  | 40124   | 39526   | 38329   | 39326   | 2.32   | cps   |
| Selenium   | 77-2  | 577     | 553     | 493     | 541     | 7.95   | cps   |
| Selenium   | 78-2  | 1900    | 1928    | 1946    | 1925    | 1.21   | cps   |
| Selenium   | 82-1  | 55402   | 55903   | 55617   | 55640   | 0.45   | cps   |
| Silicon    | 28-1  | 2254497 | 2252066 | 2246608 | 2251057 | 0.18   | cps   |
| Silver     | 109-1 | 3993402 | 3944290 | 4046097 | 3994596 | 1.27   | cps   |
| Silver     | 107-1 | 4191371 | 4243097 | 4247098 | 4227188 | 0.74   | cps   |
| Sodium     | 23-2  | 5110146 | 5036037 | 5084475 | 5076886 | 0.74   | cps   |
| Strontium  | 86-1  | 1041438 | 1040025 | 1045840 | 1042435 | 0.29   | cps   |
| Strontium  | 88-1  | 9115569 | 9156057 | 9166810 | 9146145 | 0.30   | cps   |
| Sulfur     | 34-1  | 655895  | 651313  | 644533  | 650580  | 0.88   | cps   |
| Terbium    | 159-1 | 5160483 | 5246718 | 5201126 | 5202776 | 0.83   | cps   |
| Terbium    | 159-2 | 1701184 | 1701959 | 1628947 | 1677363 | 2.50   | cps   |
| Thallium   | 203-1 | 2200015 | 2240530 | 2260203 | 2233583 | 1.37   | cps   |
| Thallium   | 205-1 | 5300973 | 5309242 | 5325792 | 5312002 | 0.24   | cps   |
| Tin        | 118-1 | 2600273 | 2622358 | 2611840 | 2611491 | 0.42   | cps   |
| Titanium   | 47-1  | 503289  | 504288  | 505566  | 504381  | 0.23   | cps   |
| Uranium    | 238-1 | 6396790 | 6523947 | 6388597 | 6436444 | 1.18   | cps   |
| Vanadium   | 51-2  | 437462  | 438538  | 439732  | 438577  | 0.26   | cps   |
| Yttrium    | 89-1  | 5181886 | 5130212 | 5122444 | 5144847 | 0.63   | cps   |
| Yttrium    | 89-2  | 256332  | 252581  | 244697  | 251204  | 2.36   | cps   |
| Zinc       | 66-2  | 207931  | 203316  | 209290  | 206846  | 1.51   | cps   |
| Zirconium  | 90-1  | 5523875 | 5534132 | 5635785 | 5564597 | 1.11   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 LCSW          | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 LCSW          | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 18:55:17 | DataFile Name :   | 079LCS6_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1216147 | 1218861 | 1215694 | 1216901 | 0.14   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 423377   | 426216   | 424790   | 424794   | 0.33   | cps   |
| Antimony   | 121-1 | 3786379  | 3810174  | 3830513  | 3809022  | 0.58   | cps   |
| Arsenic    | 75-2  | 77039    | 77415    | 77907    | 77454    | 0.56   | cps   |
| Barium     | 135-1 | 3772035  | 3750101  | 3767799  | 3763311  | 0.31   | cps   |
| Barium     | 137-1 | 6451675  | 6480312  | 6538567  | 6490185  | 0.68   | cps   |
| Beryllium  | 9-1   | 563990   | 565280   | 564026   | 564432   | 0.13   | cps   |
| Bismuth    | 209-1 | 2712967  | 2736055  | 2710996  | 2720006  | 0.51   | cps   |
| Bismuth    | 209-2 | 1227062  | 1236634  | 1212854  | 1225517  | 0.98   | cps   |
| Boron      | 10-1  | 71914    | 72081    | 74761    | 72919    | 2.19   | cps   |
| Boron      | 11-1  | 339398   | 342324   | 350236   | 343986   | 1.63   | cps   |
| Cadmium    | 111-1 | 825673   | 830346   | 832003   | 829341   | 0.40   | cps   |
| Cadmium    | 106-1 | 85092    | 85714    | 84926    | 85244    | 0.49   | cps   |
| Cadmium    | 108-1 | 57472    | 58054    | 58589    | 58038    | 0.96   | cps   |
| Calcium    | 43-1  | 5198211  | 5195133  | 5195226  | 5196190  | 0.03   | cps   |
| Calcium    | 44-1  | 84700712 | 84888898 | 84683883 | 84757831 | 0.13   | cps   |
| Chromium   | 52-2  | 623861   | 625014   | 622191   | 623689   | 0.23   | cps   |
| Cobalt     | 59-2  | 1222902  | 1218592  | 1211249  | 1217581  | 0.48   | cps   |
| Copper     | 63-2  | 2128600  | 2105156  | 2075600  | 2103119  | 1.26   | cps   |
| Dysprosium | 156-1 | 83       | 92       | 158      | 111      | 37.00  | cps   |
| Dysprosium | 156-2 | 17       | 17       | 20       | 18       | 10.81  | cps   |
| Erbium     | 164-1 | 42       | 42       | 67       | 50       | 28.87  | cps   |
| Erbium     | 164-2 | 17       | 20       | 10       | 16       | 32.73  | cps   |
| Gadolinium | 160-1 | 75       | 42       | 50       | 56       | 31.22  | cps   |
| Gadolinium | 160-2 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Holmium    | 165-1 | 4896290  | 4971582  | 4992154  | 4953342  | 1.02   | cps   |
| Holmium    | 165-2 | 1745005  | 1742652  | 1700257  | 1729305  | 1.46   | cps   |
| Indium     | 115-1 | 4568293  | 4543704  | 4623404  | 4578467  | 0.89   | cps   |
| Indium     | 115-2 | 322923   | 323322   | 320684   | 322310   | 0.44   | cps   |
| Iron       | 56-2  | 99730611 | 99348161 | 99236755 | 99438509 | 0.26   | cps   |
| Iron       | 57-2  | 2544662  | 2544330  | 2478351  | 2522448  | 1.51   | cps   |
| Lead       | 206-1 | 1823718  | 1797932  | 1827980  | 1816543  | 0.90   | cps   |
| Lead       | 207-1 | 1599501  | 1569871  | 1589594  | 1586322  | 0.95   | cps   |
| Lead       | 208-1 | 7314660  | 7285207  | 7311845  | 7303904  | 0.22   | cps   |
| Lithium    | 6-1   | 595681   | 608776   | 609685   | 604714   | 1.30   | cps   |
| Magnesium  | 24-2  | 10387427 | 10378535 | 10370748 | 10378904 | 0.08   | cps   |
| Manganese  | 55-2  | 354762   | 355042   | 352915   | 354240   | 0.33   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3151700  | 3120628  | 3113809  | 3128712  | 0.65   | cps   |
| Molybdenum | 95-1  | 1739087  | 1768755  | 1738831  | 1748891  | 0.98   | cps   |
| Molybdenum | 96-1  | 2262491  | 2217347  | 2245686  | 2241841  | 1.02   | cps   |
| Molybdenum | 97-1  | 1061649  | 1061017  | 1064216  | 1062294  | 0.16   | cps   |
| Molybdenum | 98-1  | 2830057  | 2820219  | 2855916  | 2835398  | 0.65   | cps   |
| Neodymium  | 150-1 | 133      | 140      | 147      | 140      | 4.76   | cps   |
| Neodymium  | 150-2 | 7        | 7        | 20       | 11       | 69.25  | cps   |
| Nickel     | 60-2  | 358937   | 357896   | 357865   | 358233   | 0.17   | cps   |
| Phosphorus | 31-2  | 7369     | 6677     | 7127     | 7058     | 4.98   | cps   |
| Potassium  | 39-2  | 3442588  | 3468985  | 3434967  | 3448847  | 0.52   | cps   |
| Rhodium    | 103-1 | 4338776  | 4364859  | 4398618  | 4367418  | 0.69   | cps   |
| Rhodium    | 103-2 | 1678226  | 1669597  | 1661670  | 1669831  | 0.50   | cps   |
| Scandium   | 45-1  | 3360699  | 3340353  | 3370488  | 3357180  | 0.46   | cps   |
| Scandium   | 45-2  | 40037    | 40251    | 39569    | 39952    | 0.87   | cps   |
| Selenium   | 77-2  | 547      | 607      | 500      | 551      | 9.70   | cps   |
| Selenium   | 78-2  | 2019     | 1996     | 1909     | 1975     | 2.92   | cps   |
| Selenium   | 82-1  | 56174    | 55756    | 56065    | 55998    | 0.39   | cps   |
| Silicon    | 28-1  | 2323092  | 2288493  | 2318299  | 2309962  | 0.81   | cps   |
| Silver     | 109-1 | 3986611  | 4019161  | 4023689  | 4009820  | 0.50   | cps   |
| Silver     | 107-1 | 4162275  | 4169525  | 4188951  | 4173584  | 0.33   | cps   |
| Sodium     | 23-2  | 25206028 | 25292173 | 25103679 | 25200627 | 0.37   | cps   |
| Strontium  | 86-1  | 1089766  | 1099744  | 1098831  | 1096114  | 0.50   | cps   |
| Strontium  | 88-1  | 9574046  | 9529324  | 9645866  | 9583078  | 0.61   | cps   |
| Sulfur     | 34-1  | 655288   | 657750   | 657613   | 656884   | 0.21   | cps   |
| Terbium    | 159-1 | 5223606  | 5311827  | 5262141  | 5265858  | 0.84   | cps   |
| Terbium    | 159-2 | 1718567  | 1691675  | 1695117  | 1701786  | 0.86   | cps   |
| Thallium   | 203-1 | 2261344  | 2258288  | 2319523  | 2279718  | 1.51   | cps   |
| Thallium   | 205-1 | 5305478  | 5326819  | 5387258  | 5339852  | 0.79   | cps   |
| Tin        | 118-1 | 2643030  | 2641220  | 2675612  | 2653287  | 0.73   | cps   |
| Titanium   | 47-1  | 521160   | 516518   | 518676   | 518785   | 0.45   | cps   |
| Uranium    | 238-1 | 6617804  | 6699996  | 6604222  | 6640674  | 0.78   | cps   |
| Vanadium   | 51-2  | 446149   | 448325   | 445404   | 446626   | 0.34   | cps   |
| Yttrium    | 89-1  | 5158060  | 5211022  | 5282029  | 5217037  | 1.19   | cps   |
| Yttrium    | 89-2  | 257744   | 254648   | 255594   | 255996   | 0.62   | cps   |
| Zinc       | 66-2  | 204622   | 204619   | 202616   | 203952   | 0.57   | cps   |
| Zirconium  | 90-1  | 5765291  | 5831341  | 5800694  | 5799109  | 0.57   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV12               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV12               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 18:58:20 | DataFile Name :   | 080CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1265157 | 1262172 | 1274589 | 1267306 | 0.51   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Antimony   | 121-1 | 325     | 250     | 250     | 275     | 15.75  | cps   |
| Arsenic    | 75-2  | 9       | 6       | 6       | 7       | 31.45  | cps   |
| Barium     | 135-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Barium     | 137-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Beryllium  | 9-1   | 94      | 67      | 50      | 70      | 31.91  | cps   |
| Bismuth    | 209-1 | 2734697 | 2695023 | 2443340 | 2624353 | 6.02   | cps   |
| Bismuth    | 209-2 | 1237132 | 1225720 | 1223132 | 1228661 | 0.61   | cps   |
| Boron      | 10-1  | 708     | 625     | 542     | 625     | 13.33  | cps   |
| Boron      | 11-1  | 3250    | 3292    | 3259    | 3267    | 0.67   | cps   |
| Cadmium    | 111-1 | 691     | 690     | 738     | 706     | 3.90   | cps   |
| Cadmium    | 106-1 | 992     | 983     | 1017    | 997     | 1.74   | cps   |
| Cadmium    | 108-1 | 17      | 4       | 4       | 8       | 86.57  | cps   |
| Calcium    | 43-1  | 3117    | 3126    | 2825    | 3023    | 5.65   | cps   |
| Calcium    | 44-1  | 51395   | 53746   | 51989   | 52377   | 2.33   | cps   |
| Chromium   | 52-2  | 1087    | 1070    | 1073    | 1077    | 0.82   | cps   |
| Cobalt     | 59-2  | 73      | 70      | 57      | 67      | 13.22  | cps   |
| Copper     | 63-2  | 213     | 263     | 267     | 248     | 12.06  | cps   |
| Dysprosium | 156-1 | 8       | 8       | 42      | 19      | 99.00  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 4614738 | 4622275 | 4284155 | 4507056 | 4.28   | cps   |
| Holmium    | 165-2 | 1689832 | 1624684 | 1638918 | 1651145 | 2.07   | cps   |
| Indium     | 115-1 | 4588021 | 4524678 | 4245055 | 4452585 | 4.10   | cps   |
| Indium     | 115-2 | 334805  | 329962  | 329882  | 331550  | 0.85   | cps   |
| Iron       | 56-2  | 4367    | 4362    | 4351    | 4360    | 0.19   | cps   |
| Iron       | 57-2  | 100     | 106     | 83      | 96      | 12.01  | cps   |
| Lead       | 206-1 | 317     | 444     | 289     | 350     | 23.70  | cps   |
| Lead       | 207-1 | 272     | 294     | 278     | 281     | 4.11   | cps   |
| Lead       | 208-1 | 1278    | 1389    | 1245    | 1304    | 5.80   | cps   |
| Lithium    | 6-1   | 580701  | 571902  | 542234  | 564946  | 3.57   | cps   |
| Magnesium  | 24-2  | 142     | 117     | 150     | 136     | 12.75  | cps   |
| Manganese  | 55-2  | 103     | 113     | 77      | 98      | 19.39  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD   | Units |
|------------|-------|---------|---------|---------|---------|----------|-------|
| Molybdenum | 94-1  | 208     | 275     | 267     | 250     | 14.53    | cps   |
| Molybdenum | 95-1  | 8       | 17      | 58      | 28      | 96.44    | cps   |
| Molybdenum | 96-1  | 92      | 108     | 67      | 89      | 23.59    | cps   |
| Molybdenum | 97-1  | 33      | 75      | 58      | 56      | 37.75    | cps   |
| Molybdenum | 98-1  | 25      | 25      | 33      | 28      | 17.31    | cps   |
| Neodymium  | 150-1 | 7       | 20      | 27      | 18      | 57.27    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Nickel     | 60-2  | 97      | 123     | 77      | 99      | 23.68    | cps   |
| Phosphorus | 31-2  | 8       | 0       | 25      | 11      | 114.58   | cps   |
| Potassium  | 39-2  | 4493    | 4909    | 4443    | 4615    | 5.55     | cps   |
| Rhodium    | 103-1 | 4572566 | 4426894 | 4151358 | 4383606 | 4.88     | cps   |
| Rhodium    | 103-2 | 1777818 | 1770672 | 1766791 | 1771760 | 0.32     | cps   |
| Scandium   | 45-1  | 3315180 | 3224310 | 3038951 | 3192814 | 4.41     | cps   |
| Scandium   | 45-2  | 40288   | 39973   | 40431   | 40231   | 0.58     | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00     | cps   |
| Selenium   | 78-2  | 9       | 11      | 6       | 9       | 32.69    | cps   |
| Selenium   | 82-1  | 39      | -45     | 4       | -1      | -4224.67 | cps   |
| Silicon    | 28-1  | 388874  | 381191  | 393006  | 387691  | 1.55     | cps   |
| Silver     | 109-1 | 133     | 142     | 100     | 125     | 17.63    | cps   |
| Silver     | 107-1 | 208     | 150     | 192     | 183     | 16.39    | cps   |
| Sodium     | 23-2  | 9695    | 9512    | 9837    | 9681    | 1.68     | cps   |
| Strontium  | 86-1  | 1225    | 1225    | 1117    | 1189    | 5.26     | cps   |
| Strontium  | 88-1  | 367     | 308     | 275     | 317     | 14.65    | cps   |
| Sulfur     | 34-1  | 349056  | 348358  | 348706  | 348706  | 0.10     | cps   |
| Terbium    | 159-1 | 5009860 | 4989056 | 4555374 | 4851430 | 5.29     | cps   |
| Terbium    | 159-2 | 1680548 | 1663406 | 1614550 | 1652835 | 2.07     | cps   |
| Thallium   | 203-1 | 125     | 75      | 108     | 103     | 24.77    | cps   |
| Thallium   | 205-1 | 217     | 217     | 300     | 244     | 19.68    | cps   |
| Tin        | 118-1 | 1067    | 692     | 725     | 828     | 25.07    | cps   |
| Titanium   | 47-1  | 150     | 100     | 183     | 144     | 29.03    | cps   |
| Uranium    | 238-1 | 42      | 50      | 25      | 39      | 32.73    | cps   |
| Vanadium   | 51-2  | 17      | 7       | 17      | 13      | 43.29    | cps   |
| Yttrium    | 89-1  | 5133614 | 4978139 | 4659923 | 4923892 | 4.90     | cps   |
| Yttrium    | 89-2  | 253664  | 255029  | 253858  | 254184  | 0.29     | cps   |
| Zinc       | 66-2  | 130     | 120     | 90      | 113     | 18.37    | cps   |
| Zirconium  | 90-1  | 592     | 458     | 408     | 486     | 19.49    | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB12               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB12               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:11:47 | DataFile Name :   | 081CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 108  | 108  | 103     | 9.36   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 708     | 842     | 658     | 736     | 12.87  | cps   |
| Antimony   | 121-1 | 29525   | 28498   | 28782   | 28935   | 1.83   | cps   |
| Arsenic    | 75-2  | 624     | 672     | 656     | 651     | 3.76   | cps   |
| Barium     | 135-1 | 28089   | 28064   | 28699   | 28284   | 1.27   | cps   |
| Barium     | 137-1 | 48724   | 50121   | 49067   | 49304   | 1.48   | cps   |
| Beryllium  | 9-1   | 4201    | 4190    | 4184    | 4191    | 0.20   | cps   |
| Bismuth    | 209-1 | 2738243 | 2718760 | 2719770 | 2725591 | 0.40   | cps   |
| Bismuth    | 209-2 | 1234179 | 1222441 | 1224300 | 1226973 | 0.51   | cps   |
| Boron      | 10-1  | 1058    | 1208    | 1175    | 1147    | 6.87   | cps   |
| Boron      | 11-1  | 5210    | 5026    | 5318    | 5184    | 2.84   | cps   |
| Cadmium    | 111-1 | 7193    | 7570    | 7149    | 7304    | 3.17   | cps   |
| Cadmium    | 106-1 | 1634    | 1925    | 1592    | 1717    | 10.58  | cps   |
| Cadmium    | 108-1 | 438     | 542     | 500     | 493     | 10.63  | cps   |
| Calcium    | 43-1  | 11213   | 10905   | 10980   | 11033   | 1.46   | cps   |
| Calcium    | 44-1  | 184119  | 185595  | 183940  | 184551  | 0.49   | cps   |
| Chromium   | 52-2  | 5981    | 6011    | 6045    | 6013    | 0.53   | cps   |
| Cobalt     | 59-2  | 10154   | 10191   | 9967    | 10104   | 1.19   | cps   |
| Copper     | 63-2  | 17181   | 17798   | 16767   | 17249   | 3.01   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 33      | 58      | 36      | 58.08  | cps   |
| Erbium     | 164-2 | 3       | 7       | 10      | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 67      | 42      | 52.92  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 4642824 | 4734271 | 4696496 | 4691197 | 0.98   | cps   |
| Holmium    | 165-2 | 1680851 | 1625332 | 1668063 | 1658082 | 1.75   | cps   |
| Indium     | 115-1 | 4554315 | 4521930 | 4570498 | 4548914 | 0.54   | cps   |
| Indium     | 115-2 | 330147  | 333272  | 331090  | 331503  | 0.48   | cps   |
| Iron       | 56-2  | 167245  | 170539  | 168685  | 168823  | 0.98   | cps   |
| Iron       | 57-2  | 4384    | 4001    | 4634    | 4340    | 7.35   | cps   |
| Lead       | 206-1 | 13624   | 13975   | 13496   | 13698   | 1.81   | cps   |
| Lead       | 207-1 | 12312   | 12462   | 12562   | 12445   | 1.01   | cps   |
| Lead       | 208-1 | 55755   | 56434   | 55254   | 55814   | 1.06   | cps   |
| Lithium    | 6-1   | 582181  | 583054  | 579468  | 581568  | 0.32   | cps   |
| Magnesium  | 24-2  | 16861   | 17203   | 15976   | 16680   | 3.79   | cps   |
| Manganese  | 55-2  | 2900    | 3050    | 2987    | 2979    | 2.53   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22587   | 22519   | 23622   | 22909   | 2.70   | cps   |
| Molybdenum | 95-1  | 13541   | 12782   | 13299   | 13207   | 2.94   | cps   |
| Molybdenum | 96-1  | 16210   | 16953   | 16411   | 16525   | 2.33   | cps   |
| Molybdenum | 97-1  | 8336    | 8453    | 7961    | 8250    | 3.12   | cps   |
| Molybdenum | 98-1  | 20959   | 19974   | 20909   | 20614   | 2.69   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3077    | 3117    | 2974    | 3056    | 2.42   | cps   |
| Phosphorus | 31-2  | 100     | 50      | 33      | 61      | 56.78  | cps   |
| Potassium  | 39-2  | 10396   | 10154   | 10129   | 10226   | 1.44   | cps   |
| Rhodium    | 103-1 | 4553907 | 4523480 | 4532898 | 4536761 | 0.34   | cps   |
| Rhodium    | 103-2 | 1763556 | 1764034 | 1757966 | 1761852 | 0.19   | cps   |
| Scandium   | 45-1  | 3281756 | 3319110 | 3266608 | 3289158 | 0.82   | cps   |
| Scandium   | 45-2  | 39930   | 40662   | 40438   | 40343   | 0.93   | cps   |
| Selenium   | 77-2  | 23      | 0       | 3       | 9       | 142.00 | cps   |
| Selenium   | 78-2  | 9       | 19      | 15      | 14      | 32.83  | cps   |
| Selenium   | 82-1  | 341     | 366     | 423     | 377     | 11.12  | cps   |
| Silicon    | 28-1  | 403463  | 407817  | 404734  | 405338  | 0.55   | cps   |
| Silver     | 109-1 | 30594   | 30711   | 30736   | 30680   | 0.25   | cps   |
| Silver     | 107-1 | 32665   | 32398   | 33492   | 32852   | 1.74   | cps   |
| Sodium     | 23-2  | 50290   | 49997   | 49203   | 49830   | 1.13   | cps   |
| Strontium  | 86-1  | 9387    | 8920    | 9554    | 9287    | 3.54   | cps   |
| Strontium  | 88-1  | 69746   | 71882   | 69913   | 70514   | 1.68   | cps   |
| Sulfur     | 34-1  | 355615  | 356132  | 352390  | 354712  | 0.57   | cps   |
| Terbium    | 159-1 | 4966654 | 4992773 | 4939947 | 4966458 | 0.53   | cps   |
| Terbium    | 159-2 | 1628412 | 1638423 | 1618352 | 1628396 | 0.62   | cps   |
| Thallium   | 203-1 | 16511   | 17338   | 16653   | 16834   | 2.62   | cps   |
| Thallium   | 205-1 | 38919   | 40792   | 39830   | 39847   | 2.35   | cps   |
| Tin        | 118-1 | 20291   | 19573   | 20917   | 20261   | 3.32   | cps   |
| Titanium   | 47-1  | 3984    | 4201    | 4051    | 4079    | 2.72   | cps   |
| Uranium    | 238-1 | 46865   | 48127   | 47182   | 47391   | 1.39   | cps   |
| Vanadium   | 51-2  | 3667    | 3614    | 3714    | 3665    | 1.37   | cps   |
| Yttrium    | 89-1  | 5032537 | 5068498 | 5055331 | 5052122 | 0.36   | cps   |
| Yttrium    | 89-2  | 251194  | 256357  | 253238  | 253596  | 1.03   | cps   |
| Zinc       | 66-2  | 1720    | 1817    | 1557    | 1698    | 7.74   | cps   |
| Zirconium  | 90-1  | 41640   | 42275   | 41256   | 41723   | 1.23   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#8      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#8      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:14:57 | DataFile Name :   | 082SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9187 | 9479 | 9195 | 9287    | 1.79   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 817     | 717     | 750     | 761     | 6.69   | cps   |
| Antimony   | 121-1 | 28122   | 27805   | 28882   | 28270   | 1.96   | cps   |
| Arsenic    | 75-2  | 615     | 620     | 622     | 619     | 0.62   | cps   |
| Barium     | 135-1 | 28172   | 28031   | 28431   | 28211   | 0.72   | cps   |
| Barium     | 137-1 | 48289   | 49226   | 47679   | 48398   | 1.61   | cps   |
| Beryllium  | 9-1   | 4695    | 4295    | 4290    | 4427    | 5.26   | cps   |
| Bismuth    | 209-1 | 2641273 | 2694951 | 2769300 | 2701841 | 2.38   | cps   |
| Bismuth    | 209-2 | 1229845 | 1216172 | 1209084 | 1218367 | 0.87   | cps   |
| Boron      | 10-1  | 1200    | 1058    | 992     | 1083    | 9.82   | cps   |
| Boron      | 11-1  | 4884    | 5093    | 5043    | 5007    | 2.17   | cps   |
| Cadmium    | 111-1 | 7179    | 7124    | 7287    | 7197    | 1.15   | cps   |
| Cadmium    | 106-1 | 1442    | 1725    | 1759    | 1642    | 10.60  | cps   |
| Cadmium    | 108-1 | 546     | 467     | 446     | 486     | 10.85  | cps   |
| Calcium    | 43-1  | 11655   | 10846   | 11105   | 11202   | 3.69   | cps   |
| Calcium    | 44-1  | 184051  | 185035  | 183053  | 184046  | 0.54   | cps   |
| Chromium   | 52-2  | 5811    | 5978    | 5781    | 5857    | 1.81   | cps   |
| Cobalt     | 59-2  | 10231   | 9944    | 10024   | 10066   | 1.47   | cps   |
| Copper     | 63-2  | 17461   | 17715   | 17695   | 17624   | 0.80   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 33      | 50      | 33      | 50.00  | cps   |
| Erbium     | 164-2 | 7       | 13      | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 25      | 28      | 17.31  | cps   |
| Gadolinium | 160-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Holmium    | 165-1 | 4517511 | 4666201 | 4693026 | 4625579 | 2.04   | cps   |
| Holmium    | 165-2 | 1654617 | 1660250 | 1644659 | 1653175 | 0.48   | cps   |
| Indium     | 115-1 | 4433803 | 4564112 | 4487425 | 4495113 | 1.46   | cps   |
| Indium     | 115-2 | 328637  | 326916  | 329327  | 328294  | 0.38   | cps   |
| Iron       | 56-2  | 169685  | 168134  | 169952  | 169257  | 0.58   | cps   |
| Iron       | 57-2  | 4373    | 4390    | 4195    | 4319    | 2.50   | cps   |
| Lead       | 206-1 | 13658   | 14053   | 13491   | 13734   | 2.10   | cps   |
| Lead       | 207-1 | 12712   | 12857   | 12729   | 12766   | 0.62   | cps   |
| Lead       | 208-1 | 55738   | 56478   | 56145   | 56120   | 0.66   | cps   |
| Lithium    | 6-1   | 564415  | 579362  | 580771  | 574849  | 1.58   | cps   |
| Magnesium  | 24-2  | 16560   | 16752   | 17144   | 16819   | 1.77   | cps   |
| Manganese  | 55-2  | 3004    | 2927    | 3034    | 2988    | 1.84   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22486   | 22044   | 22770   | 22433   | 1.63   | cps   |
| Molybdenum | 95-1  | 13090   | 13240   | 13073   | 13135   | 0.70   | cps   |
| Molybdenum | 96-1  | 15585   | 16736   | 16703   | 16341   | 4.01   | cps   |
| Molybdenum | 97-1  | 8436    | 8553    | 7961    | 8317    | 3.77   | cps   |
| Molybdenum | 98-1  | 20684   | 20283   | 20232   | 20400   | 1.21   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 3180    | 3117    | 2977    | 3092    | 3.37   | cps   |
| Phosphorus | 31-2  | 117     | 108     | 92      | 106     | 12.06  | cps   |
| Potassium  | 39-2  | 9921    | 9987    | 9929    | 9946    | 0.37   | cps   |
| Rhodium    | 103-1 | 4401604 | 4578350 | 4486620 | 4488858 | 1.97   | cps   |
| Rhodium    | 103-2 | 1726603 | 1743569 | 1751068 | 1740413 | 0.72   | cps   |
| Scandium   | 45-1  | 3213371 | 3291444 | 3298392 | 3267736 | 1.44   | cps   |
| Scandium   | 45-2  | 39228   | 39492   | 39756   | 39492   | 0.67   | cps   |
| Selenium   | 77-2  | 3       | 27      | 3       | 11      | 121.29 | cps   |
| Selenium   | 78-2  | 9       | 20      | 20      | 17      | 38.49  | cps   |
| Selenium   | 82-1  | 423     | 392     | 482     | 432     | 10.62  | cps   |
| Silicon    | 28-1  | 414951  | 404439  | 413387  | 410925  | 1.38   | cps   |
| Silver     | 109-1 | 31405   | 30987   | 30385   | 30926   | 1.66   | cps   |
| Silver     | 107-1 | 34094   | 32925   | 32966   | 33328   | 1.99   | cps   |
| Sodium     | 23-2  | 49997   | 50340   | 50005   | 50114   | 0.39   | cps   |
| Strontium  | 86-1  | 9437    | 9629    | 8887    | 9317    | 4.13   | cps   |
| Strontium  | 88-1  | 71706   | 71975   | 72510   | 72064   | 0.57   | cps   |
| Sulfur     | 34-1  | 354557  | 355069  | 357973  | 355866  | 0.52   | cps   |
| Terbium    | 159-1 | 4815698 | 4971791 | 5022587 | 4936692 | 2.18   | cps   |
| Terbium    | 159-2 | 1616132 | 1609809 | 1579867 | 1601936 | 1.21   | cps   |
| Thallium   | 203-1 | 16737   | 16695   | 17304   | 16912   | 2.01   | cps   |
| Thallium   | 205-1 | 40348   | 38585   | 39663   | 39532   | 2.25   | cps   |
| Tin        | 118-1 | 20901   | 20325   | 20558   | 20594   | 1.41   | cps   |
| Titanium   | 47-1  | 3817    | 4401    | 4009    | 4076    | 7.30   | cps   |
| Uranium    | 238-1 | 48136   | 47600   | 47718   | 47818   | 0.59   | cps   |
| Vanadium   | 51-2  | 3354    | 3517    | 3514    | 3462    | 2.70   | cps   |
| Yttrium    | 89-1  | 4896247 | 5071094 | 5068990 | 5012110 | 2.00   | cps   |
| Yttrium    | 89-2  | 252438  | 252662  | 251843  | 252314  | 0.17   | cps   |
| Zinc       | 66-2  | 1907    | 1793    | 1894    | 1865    | 3.32   | cps   |
| Zirconium  | 90-1  | 42342   | 41890   | 43646   | 42626   | 2.14   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#9      | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#9      | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:18:08 | DataFile Name :   | 083SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9454 | 9012 | 9103 | 9190    | 2.54   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 692     | 717     | 675     | 694     | 3.02   | cps   |
| Antimony   | 121-1 | 28281   | 28656   | 28640   | 28526   | 0.74   | cps   |
| Arsenic    | 75-2  | 680     | 619     | 591     | 630     | 7.22   | cps   |
| Barium     | 135-1 | 29033   | 27580   | 27538   | 28050   | 3.04   | cps   |
| Barium     | 137-1 | 47746   | 48708   | 48415   | 48289   | 1.02   | cps   |
| Beryllium  | 9-1   | 4340    | 4290    | 4490    | 4373    | 2.38   | cps   |
| Bismuth    | 209-1 | 2671950 | 2705708 | 2712751 | 2696803 | 0.81   | cps   |
| Bismuth    | 209-2 | 1226072 | 1210652 | 1211730 | 1216152 | 0.71   | cps   |
| Boron      | 10-1  | 725     | 1033    | 942     | 900     | 17.59  | cps   |
| Boron      | 11-1  | 5060    | 4718    | 5026    | 4934    | 3.82   | cps   |
| Cadmium    | 111-1 | 7327    | 7178    | 7168    | 7225    | 1.23   | cps   |
| Cadmium    | 106-1 | 2017    | 1617    | 1625    | 1753    | 13.04  | cps   |
| Cadmium    | 108-1 | 421     | 442     | 458     | 440     | 4.27   | cps   |
| Calcium    | 43-1  | 11305   | 10304   | 11172   | 10927   | 4.97   | cps   |
| Calcium    | 44-1  | 184903  | 187157  | 183946  | 185335  | 0.89   | cps   |
| Chromium   | 52-2  | 5978    | 5858    | 5918    | 5918    | 1.01   | cps   |
| Cobalt     | 59-2  | 9744    | 10281   | 10014   | 10013   | 2.68   | cps   |
| Copper     | 63-2  | 17331   | 17378   | 17024   | 17244   | 1.11   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 0       | 17      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 25      | 33      | 42      | 33      | 25.01  | cps   |
| Gadolinium | 160-2 | 0       | 23      | 7       | 10      | 120.16 | cps   |
| Holmium    | 165-1 | 4711367 | 4635332 | 4617306 | 4654669 | 1.07   | cps   |
| Holmium    | 165-2 | 1643660 | 1656411 | 1634559 | 1644877 | 0.67   | cps   |
| Indium     | 115-1 | 4499748 | 4535424 | 4559129 | 4531434 | 0.66   | cps   |
| Indium     | 115-2 | 331007  | 328322  | 325215  | 328181  | 0.88   | cps   |
| Iron       | 56-2  | 169825  | 167537  | 168201  | 168521  | 0.70   | cps   |
| Iron       | 57-2  | 4323    | 4312    | 4573    | 4403    | 3.35   | cps   |
| Lead       | 206-1 | 13630   | 13786   | 13491   | 13635   | 1.08   | cps   |
| Lead       | 207-1 | 12518   | 12462   | 12857   | 12612   | 1.69   | cps   |
| Lead       | 208-1 | 55660   | 56078   | 56841   | 56193   | 1.07   | cps   |
| Lithium    | 6-1   | 575994  | 577143  | 582203  | 578447  | 0.57   | cps   |
| Magnesium  | 24-2  | 17245   | 17687   | 16811   | 17247   | 2.54   | cps   |
| Manganese  | 55-2  | 3057    | 3067    | 2794    | 2973    | 5.22   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 23146   | 22528   | 22519   | 22731   | 1.58   | cps   |
| Molybdenum | 95-1  | 13073   | 12832   | 13065   | 12990   | 1.06   | cps   |
| Molybdenum | 96-1  | 16477   | 16653   | 17178   | 16769   | 2.18   | cps   |
| Molybdenum | 97-1  | 8236    | 8069    | 8345    | 8217    | 1.69   | cps   |
| Molybdenum | 98-1  | 20099   | 20625   | 20834   | 20519   | 1.84   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 27      | 13      | 86.58  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3090    | 3030    | 3214    | 3112    | 3.01   | cps   |
| Phosphorus | 31-2  | 42      | 67      | 108     | 72      | 46.63  | cps   |
| Potassium  | 39-2  | 9837    | 9704    | 9562    | 9701    | 1.42   | cps   |
| Rhodium    | 103-1 | 4452518 | 4482569 | 4529473 | 4488186 | 0.86   | cps   |
| Rhodium    | 103-2 | 1745668 | 1755782 | 1745474 | 1748975 | 0.34   | cps   |
| Scandium   | 45-1  | 3312720 | 3310023 | 3262365 | 3295036 | 0.86   | cps   |
| Scandium   | 45-2  | 39903   | 39245   | 40198   | 39782   | 1.23   | cps   |
| Selenium   | 77-2  | 10      | 0       | 10      | 7       | 86.60  | cps   |
| Selenium   | 78-2  | 11      | 33      | 22      | 22      | 50.00  | cps   |
| Selenium   | 82-1  | 357     | 362     | 461     | 393     | 14.87  | cps   |
| Silicon    | 28-1  | 411480  | 413905  | 404527  | 409971  | 1.19   | cps   |
| Silver     | 109-1 | 30686   | 31430   | 30928   | 31014   | 1.22   | cps   |
| Silver     | 107-1 | 32858   | 32390   | 32148   | 32465   | 1.11   | cps   |
| Sodium     | 23-2  | 50558   | 48759   | 48191   | 49169   | 2.51   | cps   |
| Strontium  | 86-1  | 9270    | 9812    | 9020    | 9368    | 4.32   | cps   |
| Strontium  | 88-1  | 69762   | 71630   | 70031   | 70474   | 1.43   | cps   |
| Sulfur     | 34-1  | 352425  | 357256  | 354885  | 354856  | 0.68   | cps   |
| Terbium    | 159-1 | 4963314 | 4919021 | 4953916 | 4945417 | 0.47   | cps   |
| Terbium    | 159-2 | 1635296 | 1652365 | 1628523 | 1638728 | 0.75   | cps   |
| Thallium   | 203-1 | 16662   | 17104   | 16720   | 16829   | 1.43   | cps   |
| Thallium   | 205-1 | 40148   | 39714   | 39095   | 39652   | 1.34   | cps   |
| Tin        | 118-1 | 19181   | 20016   | 20233   | 19810   | 2.80   | cps   |
| Titanium   | 47-1  | 4042    | 4034    | 4101    | 4059    | 0.89   | cps   |
| Uranium    | 238-1 | 49064   | 48085   | 47676   | 48275   | 1.48   | cps   |
| Vanadium   | 51-2  | 3551    | 3484    | 3384    | 3473    | 2.42   | cps   |
| Yttrium    | 89-1  | 5042931 | 5069068 | 5057671 | 5056557 | 0.26   | cps   |
| Yttrium    | 89-2  | 253914  | 252570  | 252423  | 252969  | 0.32   | cps   |
| Zinc       | 66-2  | 1843    | 1850    | 1964    | 1886    | 3.58   | cps   |
| Zirconium  | 90-1  | 42133   | 41155   | 42509   | 41932   | 1.67   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#10     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#10     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:21:19 | DataFile Name :   | 084SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9195 | 9112 | 9712 | 9340    | 3.48   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 600     | 692     | 667     | 653     | 7.26   | cps   |
| Antimony   | 121-1 | 27680   | 28598   | 28423   | 28234   | 1.73   | cps   |
| Arsenic    | 75-2  | 546     | 596     | 657     | 600     | 9.28   | cps   |
| Barium     | 135-1 | 28557   | 28348   | 28047   | 28317   | 0.91   | cps   |
| Barium     | 137-1 | 49410   | 48632   | 48741   | 48928   | 0.86   | cps   |
| Beryllium  | 9-1   | 4212    | 4323    | 4040    | 4191    | 3.41   | cps   |
| Bismuth    | 209-1 | 2730130 | 2697751 | 2753735 | 2727206 | 1.03   | cps   |
| Bismuth    | 209-2 | 1210461 | 1223330 | 1220521 | 1218104 | 0.56   | cps   |
| Boron      | 10-1  | 1158    | 917     | 1042    | 1039    | 11.63  | cps   |
| Boron      | 11-1  | 4126    | 4559    | 4284    | 4323    | 5.07   | cps   |
| Cadmium    | 111-1 | 7240    | 7166    | 7265    | 7223    | 0.72   | cps   |
| Cadmium    | 106-1 | 1592    | 1559    | 1592    | 1581    | 1.22   | cps   |
| Cadmium    | 108-1 | 454     | 438     | 358     | 417     | 12.29  | cps   |
| Calcium    | 43-1  | 11030   | 10463   | 11197   | 10896   | 3.53   | cps   |
| Calcium    | 44-1  | 183584  | 186280  | 184074  | 184646  | 0.78   | cps   |
| Chromium   | 52-2  | 6098    | 6138    | 6171    | 6136    | 0.60   | cps   |
| Cobalt     | 59-2  | 9730    | 10214   | 10157   | 10034   | 2.64   | cps   |
| Copper     | 63-2  | 17224   | 17618   | 17454   | 17432   | 1.13   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Erbium     | 164-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 25      | 17      | 58      | 33      | 66.14  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Holmium    | 165-1 | 4636335 | 4652074 | 4702174 | 4663528 | 0.74   | cps   |
| Holmium    | 165-2 | 1647418 | 1677781 | 1651399 | 1658866 | 0.99   | cps   |
| Indium     | 115-1 | 4527062 | 4531010 | 4573274 | 4543782 | 0.56   | cps   |
| Indium     | 115-2 | 327166  | 330687  | 327260  | 328371  | 0.61   | cps   |
| Iron       | 56-2  | 167708  | 166834  | 170153  | 168232  | 1.02   | cps   |
| Iron       | 57-2  | 3928    | 4245    | 4418    | 4197    | 5.91   | cps   |
| Lead       | 206-1 | 13596   | 13574   | 13925   | 13698   | 1.43   | cps   |
| Lead       | 207-1 | 12540   | 12167   | 12273   | 12327   | 1.56   | cps   |
| Lead       | 208-1 | 55838   | 54837   | 56223   | 55633   | 1.29   | cps   |
| Lithium    | 6-1   | 577148  | 579151  | 574644  | 576981  | 0.39   | cps   |
| Magnesium  | 24-2  | 16702   | 17654   | 16752   | 17036   | 3.14   | cps   |
| Manganese  | 55-2  | 2974    | 2850    | 3077    | 2967    | 3.83   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 21351   | 22945   | 22636   | 22311   | 3.79   | cps   |
| Molybdenum | 95-1  | 12706   | 13457   | 13082   | 13082   | 2.87   | cps   |
| Molybdenum | 96-1  | 15309   | 16027   | 16502   | 15946   | 3.77   | cps   |
| Molybdenum | 97-1  | 8403    | 8620    | 8211    | 8411    | 2.43   | cps   |
| Molybdenum | 98-1  | 21393   | 20207   | 20700   | 20767   | 2.87   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 7       | 16      | 65.47  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 2980    | 2987    | 2954    | 2974    | 0.59   | cps   |
| Phosphorus | 31-2  | 50      | 75      | 75      | 67      | 21.65  | cps   |
| Potassium  | 39-2  | 10029   | 9287    | 9962    | 9759    | 4.21   | cps   |
| Rhodium    | 103-1 | 4564432 | 4474268 | 4523020 | 4520573 | 1.00   | cps   |
| Rhodium    | 103-2 | 1748921 | 1752739 | 1750042 | 1750568 | 0.11   | cps   |
| Scandium   | 45-1  | 3273565 | 3232416 | 3291122 | 3265701 | 0.92   | cps   |
| Scandium   | 45-2  | 39900   | 39837   | 39870   | 39869   | 0.08   | cps   |
| Selenium   | 77-2  | 0       | 10      | 3       | 4       | 114.60 | cps   |
| Selenium   | 78-2  | 20      | 24      | 19      | 21      | 13.47  | cps   |
| Selenium   | 82-1  | 412     | 497     | 350     | 419     | 17.61  | cps   |
| Silicon    | 28-1  | 408147  | 411315  | 409249  | 409570  | 0.39   | cps   |
| Silver     | 109-1 | 30962   | 30009   | 31221   | 30731   | 2.08   | cps   |
| Silver     | 107-1 | 32591   | 32323   | 32967   | 32627   | 0.99   | cps   |
| Sodium     | 23-2  | 49663   | 49671   | 48693   | 49342   | 1.14   | cps   |
| Strontium  | 86-1  | 9062    | 9287    | 9170    | 9173    | 1.23   | cps   |
| Strontium  | 88-1  | 70089   | 69243   | 70039   | 69790   | 0.68   | cps   |
| Sulfur     | 34-1  | 349206  | 351833  | 347573  | 349537  | 0.61   | cps   |
| Terbium    | 159-1 | 4973700 | 4948457 | 5017206 | 4979787 | 0.70   | cps   |
| Terbium    | 159-2 | 1607399 | 1639932 | 1631314 | 1626215 | 1.04   | cps   |
| Thallium   | 203-1 | 17020   | 16044   | 16870   | 16645   | 3.16   | cps   |
| Thallium   | 205-1 | 40833   | 38075   | 39672   | 39527   | 3.50   | cps   |
| Tin        | 118-1 | 19790   | 20191   | 20149   | 20044   | 1.10   | cps   |
| Titanium   | 47-1  | 4109    | 4059    | 4026    | 4065    | 1.03   | cps   |
| Uranium    | 238-1 | 47542   | 46864   | 46622   | 47009   | 1.01   | cps   |
| Vanadium   | 51-2  | 3561    | 3404    | 3541    | 3502    | 2.44   | cps   |
| Yttrium    | 89-1  | 5012674 | 5010088 | 5088961 | 5037241 | 0.89   | cps   |
| Yttrium    | 89-2  | 252087  | 253841  | 253765  | 253231  | 0.39   | cps   |
| Zinc       | 66-2  | 1697    | 1867    | 1843    | 1802    | 5.11   | cps   |
| Zirconium  | 90-1  | 41924   | 42033   | 40921   | 41626   | 1.47   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#11     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#11     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:24:29 | DataFile Name :   | 085SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 9312 | 9103 | 9003 | 9140    | 1.72   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 200.8 Sample#12 Instrumnet Name : P8  
 Client Sample ID : 200.8 Sample#12 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 19:27:41 DataFile Name : 086SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 858     | 717     | 567     | 714     | 20.43  | cps   |
| Antimony   | 121-1 | 28874   | 28765   | 28582   | 28740   | 0.51   | cps   |
| Arsenic    | 75-2  | 630     | 646     | 589     | 622     | 4.75   | cps   |
| Barium     | 135-1 | 27079   | 28757   | 27321   | 27719   | 3.27   | cps   |
| Barium     | 137-1 | 47419   | 48724   | 48180   | 48108   | 1.36   | cps   |
| Beryllium  | 9-1   | 4373    | 4473    | 4518    | 4455    | 1.66   | cps   |
| Bismuth    | 209-1 | 2730299 | 2697066 | 2723820 | 2717062 | 0.65   | cps   |
| Bismuth    | 209-2 | 1225997 | 1221923 | 1223606 | 1223842 | 0.17   | cps   |
| Boron      | 10-1  | 925     | 683     | 958     | 856     | 17.54  | cps   |
| Boron      | 11-1  | 4209    | 4409    | 4134    | 4251    | 3.35   | cps   |
| Cadmium    | 111-1 | 7021    | 7282    | 7369    | 7224    | 2.51   | cps   |
| Cadmium    | 106-1 | 1759    | 1692    | 1717    | 1722    | 1.96   | cps   |
| Cadmium    | 108-1 | 433     | 500     | 442     | 458     | 7.93   | cps   |
| Calcium    | 43-1  | 11706   | 11222   | 10454   | 11127   | 5.67   | cps   |
| Calcium    | 44-1  | 182346  | 183517  | 180132  | 181998  | 0.94   | cps   |
| Chromium   | 52-2  | 6145    | 5988    | 6058    | 6064    | 1.29   | cps   |
| Cobalt     | 59-2  | 9960    | 10147   | 10034   | 10047   | 0.94   | cps   |
| Copper     | 63-2  | 17478   | 17178   | 16934   | 17196   | 1.59   | cps   |
| Dysprosium | 156-1 | 50      | 0       | 8       | 19      | 137.78 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 8       | 42      | 25      | 66.68  | cps   |
| Erbium     | 164-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 92      | 83      | 25      | 67      | 54.49  | cps   |
| Gadolinium | 160-2 | 13      | 3       | 13      | 10      | 57.75  | cps   |
| Holmium    | 165-1 | 4627750 | 4725326 | 4674775 | 4675950 | 1.04   | cps   |
| Holmium    | 165-2 | 1642846 | 1644832 | 1653162 | 1646947 | 0.33   | cps   |
| Indium     | 115-1 | 4522452 | 4522775 | 4551273 | 4532167 | 0.37   | cps   |
| Indium     | 115-2 | 331537  | 330617  | 329243  | 330466  | 0.35   | cps   |
| Iron       | 56-2  | 168960  | 166240  | 168027  | 167742  | 0.82   | cps   |
| Iron       | 57-2  | 4590    | 4079    | 4279    | 4316    | 5.97   | cps   |
| Lead       | 206-1 | 13992   | 14019   | 14114   | 14042   | 0.46   | cps   |
| Lead       | 207-1 | 12429   | 12334   | 12301   | 12355   | 0.54   | cps   |
| Lead       | 208-1 | 55448   | 56133   | 55699   | 55760   | 0.62   | cps   |
| Lithium    | 6-1   | 578297  | 580600  | 579599  | 579499  | 0.20   | cps   |
| Magnesium  | 24-2  | 16919   | 17445   | 17011   | 17125   | 1.64   | cps   |
| Manganese  | 55-2  | 2814    | 2864    | 3007    | 2895    | 3.47   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#12     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#12     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:27:41 | DataFile Name :   | 086SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 23162   | 22027   | 21693   | 22294   | 3.45   | cps   |
| Molybdenum | 95-1  | 12473   | 12748   | 12089   | 12437   | 2.66   | cps   |
| Molybdenum | 96-1  | 16744   | 16335   | 16144   | 16408   | 1.87   | cps   |
| Molybdenum | 97-1  | 8278    | 8036    | 8328    | 8214    | 1.90   | cps   |
| Molybdenum | 98-1  | 20283   | 21025   | 19790   | 20366   | 3.05   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 2964    | 2850    | 2830    | 2881    | 2.50   | cps   |
| Phosphorus | 31-2  | 50      | 67      | 92      | 69      | 30.20  | cps   |
| Potassium  | 39-2  | 10104   | 9779    | 9979    | 9954    | 1.65   | cps   |
| Rhodium    | 103-1 | 4472555 | 4578914 | 4493303 | 4514924 | 1.25   | cps   |
| Rhodium    | 103-2 | 1777168 | 1748923 | 1771783 | 1765958 | 0.85   | cps   |
| Scandium   | 45-1  | 3267065 | 3299677 | 3295154 | 3287299 | 0.54   | cps   |
| Scandium   | 45-2  | 40080   | 39419   | 40278   | 39926   | 1.13   | cps   |
| Selenium   | 77-2  | 13      | 3       | 7       | 8       | 65.47  | cps   |
| Selenium   | 78-2  | 19      | 19      | 15      | 17      | 12.39  | cps   |
| Selenium   | 82-1  | 439     | 336     | 355     | 377     | 14.50  | cps   |
| Silicon    | 28-1  | 403350  | 414571  | 406584  | 408168  | 1.41   | cps   |
| Silver     | 109-1 | 29784   | 31830   | 30076   | 30564   | 3.62   | cps   |
| Silver     | 107-1 | 31997   | 32156   | 32423   | 32192   | 0.67   | cps   |
| Sodium     | 23-2  | 49320   | 49311   | 49136   | 49256   | 0.21   | cps   |
| Strontium  | 86-1  | 9087    | 9437    | 9312    | 9279    | 1.91   | cps   |
| Strontium  | 88-1  | 71396   | 70314   | 72033   | 71248   | 1.22   | cps   |
| Sulfur     | 34-1  | 343817  | 349639  | 347588  | 347015  | 0.85   | cps   |
| Terbium    | 159-1 | 4964013 | 5038642 | 4950510 | 4984388 | 0.95   | cps   |
| Terbium    | 159-2 | 1633528 | 1620170 | 1663694 | 1639131 | 1.36   | cps   |
| Thallium   | 203-1 | 16027   | 17129   | 17521   | 16892   | 4.58   | cps   |
| Thallium   | 205-1 | 40307   | 40148   | 39973   | 40143   | 0.42   | cps   |
| Tin        | 118-1 | 20909   | 20066   | 20533   | 20503   | 2.06   | cps   |
| Titanium   | 47-1  | 4026    | 4243    | 4142    | 4137    | 2.62   | cps   |
| Uranium    | 238-1 | 47283   | 48538   | 46965   | 47595   | 1.75   | cps   |
| Vanadium   | 51-2  | 3531    | 3571    | 3337    | 3479    | 3.59   | cps   |
| Yttrium    | 89-1  | 5054938 | 5058891 | 5133644 | 5082491 | 0.87   | cps   |
| Yttrium    | 89-2  | 253996  | 252699  | 253531  | 253409  | 0.26   | cps   |
| Zinc       | 66-2  | 1823    | 1870    | 1870    | 1855    | 1.45   | cps   |
| Zirconium  | 90-1  | 42517   | 42927   | 41974   | 42473   | 1.13   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#12     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#12     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:27:41 | DataFile Name :   | 086SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8787 | 8953 | 9237 | 8992    | 2.53   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 750     | 800     | 583     | 711     | 15.95  | cps   |
| Antimony   | 121-1 | 29158   | 29166   | 28222   | 28849   | 1.88   | cps   |
| Arsenic    | 75-2  | 630     | 593     | 600     | 607     | 3.23   | cps   |
| Barium     | 135-1 | 28381   | 28289   | 27045   | 27905   | 2.67   | cps   |
| Barium     | 137-1 | 47386   | 47971   | 49142   | 48166   | 1.86   | cps   |
| Beryllium  | 9-1   | 4340    | 4584    | 4345    | 4423    | 3.16   | cps   |
| Bismuth    | 209-1 | 2691585 | 2702282 | 2682812 | 2692227 | 0.36   | cps   |
| Bismuth    | 209-2 | 1218893 | 1210743 | 1219790 | 1216476 | 0.41   | cps   |
| Boron      | 10-1  | 958     | 850     | 967     | 925     | 7.04   | cps   |
| Boron      | 11-1  | 4209    | 4134    | 3984    | 4109    | 2.79   | cps   |
| Cadmium    | 111-1 | 7176    | 7019    | 7502    | 7232    | 3.41   | cps   |
| Cadmium    | 106-1 | 1508    | 1734    | 1817    | 1686    | 9.46   | cps   |
| Cadmium    | 108-1 | 533     | 388     | 483     | 468     | 15.83  | cps   |
| Calcium    | 43-1  | 10930   | 11230   | 10621   | 10927   | 2.79   | cps   |
| Calcium    | 44-1  | 180943  | 180742  | 181245  | 180977  | 0.14   | cps   |
| Chromium   | 52-2  | 5755    | 5905    | 5888    | 5849    | 1.41   | cps   |
| Cobalt     | 59-2  | 9780    | 9820    | 9937    | 9846    | 0.83   | cps   |
| Copper     | 63-2  | 17384   | 17551   | 17341   | 17426   | 0.64   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 7       | 13      | 3       | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 42      | 47      | 20.38  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 17      | 12      | 31.50  | cps   |
| Holmium    | 165-1 | 4629744 | 4709621 | 4681073 | 4673479 | 0.87   | cps   |
| Holmium    | 165-2 | 1667333 | 1661919 | 1655813 | 1661688 | 0.35   | cps   |
| Indium     | 115-1 | 4488073 | 4558449 | 4611630 | 4552717 | 1.36   | cps   |
| Indium     | 115-2 | 329624  | 328844  | 329340  | 329269  | 0.12   | cps   |
| Iron       | 56-2  | 168140  | 167127  | 168146  | 167804  | 0.35   | cps   |
| Iron       | 57-2  | 4140    | 4145    | 4284    | 4190    | 1.95   | cps   |
| Lead       | 206-1 | 13730   | 13302   | 13274   | 13435   | 1.90   | cps   |
| Lead       | 207-1 | 12073   | 12190   | 12662   | 12308   | 2.54   | cps   |
| Lead       | 208-1 | 54993   | 54480   | 54530   | 54668   | 0.52   | cps   |
| Lithium    | 6-1   | 571439  | 567992  | 581248  | 573559  | 1.20   | cps   |
| Magnesium  | 24-2  | 16385   | 17286   | 16402   | 16691   | 3.09   | cps   |
| Manganese  | 55-2  | 2984    | 2930    | 2907    | 2940    | 1.34   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 22303   | 22436   | 23279   | 22673   | 2.34   | cps   |
| Molybdenum | 95-1  | 13148   | 12139   | 12790   | 12693   | 4.03   | cps   |
| Molybdenum | 96-1  | 16327   | 17111   | 16653   | 16697   | 2.36   | cps   |
| Molybdenum | 97-1  | 8453    | 8478    | 7836    | 8256    | 4.41   | cps   |
| Molybdenum | 98-1  | 20466   | 20575   | 20717   | 20586   | 0.61   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 20      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3034    | 3127    | 2894    | 3018    | 3.89   | cps   |
| Phosphorus | 31-2  | 25      | 42      | 108     | 58      | 75.59  | cps   |
| Potassium  | 39-2  | 9170    | 9320    | 10012   | 9501    | 4.73   | cps   |
| Rhodium    | 103-1 | 4479113 | 4489586 | 4489763 | 4486154 | 0.14   | cps   |
| Rhodium    | 103-2 | 1767578 | 1750058 | 1740955 | 1752864 | 0.77   | cps   |
| Scandium   | 45-1  | 3300395 | 3277513 | 3298984 | 3292297 | 0.39   | cps   |
| Scandium   | 45-2  | 39930   | 40121   | 40084   | 40045   | 0.25   | cps   |
| Selenium   | 77-2  | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Selenium   | 78-2  | 17      | 24      | 24      | 22      | 19.78  | cps   |
| Selenium   | 82-1  | 398     | 412     | 324     | 378     | 12.51  | cps   |
| Silicon    | 28-1  | 411594  | 396946  | 411794  | 406778  | 2.09   | cps   |
| Silver     | 109-1 | 30460   | 30160   | 30677   | 30432   | 0.85   | cps   |
| Silver     | 107-1 | 32632   | 31121   | 33017   | 32256   | 3.11   | cps   |
| Sodium     | 23-2  | 48843   | 49010   | 48442   | 48765   | 0.60   | cps   |
| Strontium  | 86-1  | 8987    | 9512    | 9078    | 9192    | 3.05   | cps   |
| Strontium  | 88-1  | 70441   | 72384   | 69545   | 70790   | 2.05   | cps   |
| Sulfur     | 34-1  | 342701  | 342560  | 342356  | 342539  | 0.05   | cps   |
| Terbium    | 159-1 | 4911675 | 5009339 | 5060900 | 4993971 | 1.52   | cps   |
| Terbium    | 159-2 | 1661526 | 1629555 | 1628043 | 1639708 | 1.15   | cps   |
| Thallium   | 203-1 | 16436   | 16695   | 17146   | 16759   | 2.14   | cps   |
| Thallium   | 205-1 | 39254   | 39688   | 39939   | 39627   | 0.88   | cps   |
| Tin        | 118-1 | 20458   | 20658   | 20141   | 20419   | 1.28   | cps   |
| Titanium   | 47-1  | 3926    | 4051    | 3951    | 3976    | 1.66   | cps   |
| Uranium    | 238-1 | 47685   | 47057   | 46388   | 47043   | 1.38   | cps   |
| Vanadium   | 51-2  | 3531    | 3611    | 3370    | 3504    | 3.49   | cps   |
| Yttrium    | 89-1  | 5025703 | 4993322 | 5068291 | 5029106 | 0.75   | cps   |
| Yttrium    | 89-2  | 257384  | 251524  | 252664  | 253857  | 1.22   | cps   |
| Zinc       | 66-2  | 1930    | 1757    | 1813    | 1833    | 4.82   | cps   |
| Zirconium  | 90-1  | 42401   | 41272   | 42509   | 42061   | 1.63   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#13     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#13     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:30:50 | DataFile Name :   | 087SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8945 | 9220 | 9220 | 9128    | 1.74   | cps   |

LB Number : LB89311 Operator : Jaswal  
 Lab Sample ID : 200.8 Sample#14 Instrumnet Name : P8  
 Client Sample ID : 200.8 Sample#14 Dilution Factor : 1  
 Date & Time Acquired :: 2017-07-24 19:34:00 DataFile Name : 088SMPL\_P8072417.D

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 583     | 808     | 708     | 700     | 16.10  | cps   |
| Antimony   | 121-1 | 29024   | 27863   | 28080   | 28323   | 2.18   | cps   |
| Arsenic    | 75-2  | 672     | 594     | 583     | 617     | 7.85   | cps   |
| Barium     | 135-1 | 27521   | 28423   | 27120   | 27688   | 2.41   | cps   |
| Barium     | 137-1 | 48548   | 48323   | 47561   | 48144   | 1.07   | cps   |
| Beryllium  | 9-1   | 4062    | 4206    | 4462    | 4243    | 4.78   | cps   |
| Bismuth    | 209-1 | 2703287 | 2713869 | 2687067 | 2701407 | 0.50   | cps   |
| Bismuth    | 209-2 | 1230965 | 1214307 | 1218941 | 1221404 | 0.70   | cps   |
| Boron      | 10-1  | 958     | 833     | 908     | 900     | 6.99   | cps   |
| Boron      | 11-1  | 3709    | 4159    | 4334    | 4067    | 7.93   | cps   |
| Cadmium    | 111-1 | 7118    | 7202    | 7054    | 7125    | 1.04   | cps   |
| Cadmium    | 106-1 | 1634    | 1709    | 1567    | 1636    | 4.33   | cps   |
| Cadmium    | 108-1 | 533     | 458     | 492     | 494     | 7.60   | cps   |
| Calcium    | 43-1  | 10996   | 11021   | 10563   | 10860   | 2.37   | cps   |
| Calcium    | 44-1  | 180598  | 181221  | 182969  | 181596  | 0.68   | cps   |
| Chromium   | 52-2  | 6111    | 5955    | 5675    | 5914    | 3.74   | cps   |
| Cobalt     | 59-2  | 10241   | 10301   | 10204   | 10248   | 0.48   | cps   |
| Copper     | 63-2  | 17665   | 17434   | 17214   | 17438   | 1.29   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 50      | 17      | 31      | 56.77  | cps   |
| Erbium     | 164-2 | 13      | 0       | 10      | 8       | 89.21  | cps   |
| Gadolinium | 160-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 4683427 | 4661357 | 4696023 | 4680269 | 0.37   | cps   |
| Holmium    | 165-2 | 1662492 | 1662207 | 1639942 | 1654880 | 0.78   | cps   |
| Indium     | 115-1 | 4592250 | 4563319 | 4518518 | 4558029 | 0.82   | cps   |
| Indium     | 115-2 | 328307  | 330320  | 329229  | 329285  | 0.31   | cps   |
| Iron       | 56-2  | 169422  | 168090  | 170118  | 169210  | 0.61   | cps   |
| Iron       | 57-2  | 4351    | 4429    | 4190    | 4323    | 2.82   | cps   |
| Lead       | 206-1 | 13524   | 13457   | 13847   | 13609   | 1.53   | cps   |
| Lead       | 207-1 | 12317   | 12579   | 11967   | 12288   | 2.50   | cps   |
| Lead       | 208-1 | 55304   | 55816   | 55443   | 55521   | 0.48   | cps   |
| Lithium    | 6-1   | 568191  | 579829  | 573916  | 573979  | 1.01   | cps   |
| Magnesium  | 24-2  | 17111   | 17353   | 16302   | 16922   | 3.25   | cps   |
| Manganese  | 55-2  | 3050    | 2884    | 2890    | 2941    | 3.21   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#14     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#14     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:34:00 | DataFile Name :   | 088SMPL_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 23254   | 22553   | 22595   | 22801   | 1.73   | cps   |
| Molybdenum | 95-1  | 13107   | 13441   | 12548   | 13032   | 3.46   | cps   |
| Molybdenum | 96-1  | 16235   | 16169   | 16077   | 16160   | 0.49   | cps   |
| Molybdenum | 97-1  | 8094    | 8520    | 8003    | 8206    | 3.36   | cps   |
| Molybdenum | 98-1  | 20400   | 20283   | 20566   | 20416   | 0.70   | cps   |
| Neodymium  | 150-1 | 20      | 13      | 20      | 18      | 21.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 3017    | 2997    | 3000    | 3005    | 0.36   | cps   |
| Phosphorus | 31-2  | 42      | 67      | 58      | 56      | 22.91  | cps   |
| Potassium  | 39-2  | 9921    | 9662    | 9787    | 9790    | 1.32   | cps   |
| Rhodium    | 103-1 | 4537774 | 4537127 | 4452288 | 4509063 | 1.09   | cps   |
| Rhodium    | 103-2 | 1759786 | 1748957 | 1777765 | 1762169 | 0.83   | cps   |
| Scandium   | 45-1  | 3289635 | 3313869 | 3311055 | 3304853 | 0.40   | cps   |
| Scandium   | 45-2  | 39933   | 40425   | 40856   | 40405   | 1.14   | cps   |
| Selenium   | 77-2  | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Selenium   | 78-2  | 19      | 7       | 7       | 11      | 57.72  | cps   |
| Selenium   | 82-1  | 299     | 419     | 483     | 400     | 23.36  | cps   |
| Silicon    | 28-1  | 402977  | 409570  | 404501  | 405682  | 0.85   | cps   |
| Silver     | 109-1 | 30836   | 30410   | 30503   | 30583   | 0.73   | cps   |
| Silver     | 107-1 | 32750   | 32148   | 32156   | 32351   | 1.07   | cps   |
| Sodium     | 23-2  | 49755   | 48978   | 48584   | 49105   | 1.21   | cps   |
| Strontium  | 86-1  | 9646    | 9512    | 9170    | 9443    | 2.60   | cps   |
| Strontium  | 88-1  | 70357   | 70759   | 69561   | 70226   | 0.87   | cps   |
| Sulfur     | 34-1  | 344417  | 345957  | 343064  | 344479  | 0.42   | cps   |
| Terbium    | 159-1 | 5012900 | 4957633 | 4978826 | 4983120 | 0.56   | cps   |
| Terbium    | 159-2 | 1577771 | 1633062 | 1626710 | 1612514 | 1.88   | cps   |
| Thallium   | 203-1 | 16778   | 16495   | 17070   | 16781   | 1.72   | cps   |
| Thallium   | 205-1 | 39145   | 41017   | 39889   | 40017   | 2.36   | cps   |
| Tin        | 118-1 | 20466   | 20541   | 20108   | 20372   | 1.14   | cps   |
| Titanium   | 47-1  | 3851    | 3884    | 4259    | 3998    | 5.67   | cps   |
| Uranium    | 238-1 | 46036   | 47316   | 47024   | 46792   | 1.43   | cps   |
| Vanadium   | 51-2  | 3587    | 3511    | 3541    | 3546    | 1.09   | cps   |
| Yttrium    | 89-1  | 5019715 | 5094281 | 5081979 | 5065325 | 0.79   | cps   |
| Yttrium    | 89-2  | 252602  | 254698  | 252343  | 253214  | 0.51   | cps   |
| Zinc       | 66-2  | 1783    | 1823    | 1793    | 1800    | 1.16   | cps   |
| Zirconium  | 90-1  | 40745   | 42233   | 41572   | 41517   | 1.80   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 200.8 Sample#14     | Instrumnet Name : | P8                 |
| Client Sample ID :      | 200.8 Sample#14     | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:34:00 | DataFile Name :   | 088SMPL_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 8970 | 9562 | 9387 | 9306    | 3.27   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 82197    | 81015    | 81417    | 81543    | 0.74   | cps   |
| Antimony   | 121-1 | 3826026  | 3863004  | 3840613  | 3843214  | 0.48   | cps   |
| Arsenic    | 75-2  | 76843    | 77100    | 76786    | 76910    | 0.22   | cps   |
| Barium     | 135-1 | 3768562  | 3752520  | 3821858  | 3780980  | 0.96   | cps   |
| Barium     | 137-1 | 6488164  | 6557917  | 6504699  | 6516927  | 0.56   | cps   |
| Beryllium  | 9-1   | 556281   | 559760   | 559433   | 558491   | 0.34   | cps   |
| Bismuth    | 209-1 | 2873095  | 2762317  | 2853276  | 2829563  | 2.09   | cps   |
| Bismuth    | 209-2 | 1268064  | 1256104  | 1267797  | 1263988  | 0.54   | cps   |
| Boron      | 10-1  | 67182    | 70884    | 70324    | 69463    | 2.87   | cps   |
| Boron      | 11-1  | 318569   | 322446   | 328573   | 323196   | 1.56   | cps   |
| Cadmium    | 111-1 | 840086   | 856728   | 848072   | 848295   | 0.98   | cps   |
| Cadmium    | 106-1 | 88381    | 87550    | 88960    | 88297    | 0.80   | cps   |
| Cadmium    | 108-1 | 58652    | 58774    | 60640    | 59355    | 1.88   | cps   |
| Calcium    | 43-1  | 1038508  | 1037684  | 1020332  | 1032175  | 0.99   | cps   |
| Calcium    | 44-1  | 17129425 | 16946531 | 16894886 | 16990281 | 0.73   | cps   |
| Chromium   | 52-2  | 599943   | 600365   | 601080   | 600463   | 0.10   | cps   |
| Cobalt     | 59-2  | 1219999  | 1216383  | 1220630  | 1219004  | 0.19   | cps   |
| Copper     | 63-2  | 2208056  | 2145424  | 2154749  | 2169410  | 1.56   | cps   |
| Dysprosium | 156-1 | 42       | 92       | 58       | 64       | 39.85  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Gadolinium | 160-1 | 25       | 42       | 58       | 42       | 40.00  | cps   |
| Gadolinium | 160-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Holmium    | 165-1 | 4970973  | 4787538  | 5016748  | 4925086  | 2.46   | cps   |
| Holmium    | 165-2 | 1776204  | 1725820  | 1743202  | 1748409  | 1.46   | cps   |
| Indium     | 115-1 | 4662630  | 4488959  | 4602500  | 4584697  | 1.92   | cps   |
| Indium     | 115-2 | 324867   | 320010   | 321376   | 322085   | 0.78   | cps   |
| Iron       | 56-2  | 20536293 | 20224218 | 20511003 | 20423838 | 0.85   | cps   |
| Iron       | 57-2  | 503764   | 505500   | 509646   | 506303   | 0.60   | cps   |
| Lead       | 206-1 | 1793676  | 1862010  | 1871463  | 1842383  | 2.30   | cps   |
| Lead       | 207-1 | 1598683  | 1618909  | 1621167  | 1612919  | 0.77   | cps   |
| Lead       | 208-1 | 7402072  | 7528919  | 7548973  | 7493321  | 1.06   | cps   |
| Lithium    | 6-1   | 606599   | 587059   | 613394   | 602351   | 2.27   | cps   |
| Magnesium  | 24-2  | 2112724  | 2091788  | 2077404  | 2093972  | 0.85   | cps   |
| Manganese  | 55-2  | 351968   | 348067   | 350364   | 350133   | 0.56   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 3026314 | 3050711 | 3067027 | 3048017 | 0.67   | cps   |
| Molybdenum | 95-1  | 1710946 | 1729652 | 1766969 | 1735855 | 1.64   | cps   |
| Molybdenum | 96-1  | 2191767 | 2203574 | 2230514 | 2208618 | 0.90   | cps   |
| Molybdenum | 97-1  | 1041920 | 1057274 | 1054184 | 1051126 | 0.77   | cps   |
| Molybdenum | 98-1  | 2806283 | 2800919 | 2815419 | 2807540 | 0.26   | cps   |
| Neodymium  | 150-1 | 107     | 127     | 60      | 98      | 34.99  | cps   |
| Neodymium  | 150-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Nickel     | 60-2  | 360663  | 356272  | 355813  | 357583  | 0.75   | cps   |
| Phosphorus | 31-2  | 6610    | 6643    | 6919    | 6724    | 2.52   | cps   |
| Potassium  | 39-2  | 667235  | 670497  | 673776  | 670502  | 0.49   | cps   |
| Rhodium    | 103-1 | 4549740 | 4349489 | 4527145 | 4475458 | 2.45   | cps   |
| Rhodium    | 103-2 | 1756474 | 1711478 | 1698713 | 1722222 | 1.76   | cps   |
| Scandium   | 45-1  | 3390082 | 3259491 | 3281148 | 3310240 | 2.11   | cps   |
| Scandium   | 45-2  | 39302   | 39766   | 39887   | 39652   | 0.78   | cps   |
| Selenium   | 77-2  | 523     | 440     | 553     | 506     | 11.62  | cps   |
| Selenium   | 78-2  | 1885    | 1939    | 1850    | 1892    | 2.37   | cps   |
| Selenium   | 82-1  | 56386   | 56492   | 56473   | 56450   | 0.10   | cps   |
| Silicon    | 28-1  | 2266136 | 2273528 | 2271881 | 2270515 | 0.17   | cps   |
| Silver     | 109-1 | 4039228 | 4088417 | 4125540 | 4084395 | 1.06   | cps   |
| Silver     | 107-1 | 4286800 | 4302062 | 4348413 | 4312425 | 0.74   | cps   |
| Sodium     | 23-2  | 5067521 | 5067056 | 5079993 | 5071523 | 0.14   | cps   |
| Strontium  | 86-1  | 1057367 | 1068273 | 1069381 | 1065007 | 0.62   | cps   |
| Strontium  | 88-1  | 9197433 | 9319975 | 9348871 | 9288760 | 0.87   | cps   |
| Sulfur     | 34-1  | 652476  | 649853  | 644661  | 648997  | 0.61   | cps   |
| Terbium    | 159-1 | 5259911 | 5041982 | 5306745 | 5202879 | 2.72   | cps   |
| Terbium    | 159-2 | 1725466 | 1702532 | 1699421 | 1709140 | 0.83   | cps   |
| Thallium   | 203-1 | 2317041 | 2312387 | 2331568 | 2320332 | 0.43   | cps   |
| Thallium   | 205-1 | 5322338 | 5444768 | 5486793 | 5417967 | 1.58   | cps   |
| Tin        | 118-1 | 2629813 | 2689343 | 2675505 | 2664887 | 1.17   | cps   |
| Titanium   | 47-1  | 508857  | 514322  | 507430  | 510203  | 0.71   | cps   |
| Uranium    | 238-1 | 6563009 | 6719153 | 6698722 | 6660295 | 1.27   | cps   |
| Vanadium   | 51-2  | 436485  | 437481  | 439115  | 437694  | 0.30   | cps   |
| Yttrium    | 89-1  | 5237808 | 5010088 | 5216047 | 5154648 | 2.44   | cps   |
| Yttrium    | 89-2  | 256801  | 254508  | 252709  | 254672  | 0.81   | cps   |
| Zinc       | 66-2  | 206100  | 204406  | 206837  | 205781  | 0.61   | cps   |
| Zirconium  | 90-1  | 5662332 | 5635308 | 5671951 | 5656530 | 0.34   | cps   |



|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | 6020 LCSS           | Instrumnet Name : | P8                 |
| Client Sample ID :      | 6020 LCSS           | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:37:11 | DataFile Name :   | 089LCS6_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1244492 | 1229075 | 1238735 | 1237434 | 0.63   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 425969   | 416505   | 422138   | 421537   | 1.13   | cps   |
| Antimony   | 121-1 | 3848108  | 3853573  | 3804284  | 3835322  | 0.70   | cps   |
| Arsenic    | 75-2  | 77456    | 76644    | 77048    | 77049    | 0.53   | cps   |
| Barium     | 135-1 | 3763229  | 3795377  | 3717900  | 3758835  | 1.04   | cps   |
| Barium     | 137-1 | 6526994  | 6475113  | 6518850  | 6506986  | 0.43   | cps   |
| Beryllium  | 9-1   | 561156   | 566368   | 569279   | 565601   | 0.73   | cps   |
| Bismuth    | 209-1 | 2773494  | 2762870  | 2781595  | 2772653  | 0.34   | cps   |
| Bismuth    | 209-2 | 1211790  | 1227467  | 1245956  | 1228404  | 1.39   | cps   |
| Boron      | 10-1  | 72190    | 72626    | 74335    | 73050    | 1.55   | cps   |
| Boron      | 11-1  | 337165   | 347365   | 346514   | 343681   | 1.65   | cps   |
| Cadmium    | 111-1 | 838812   | 827357   | 831755   | 832641   | 0.69   | cps   |
| Cadmium    | 106-1 | 86134    | 85529    | 85673    | 85779    | 0.37   | cps   |
| Cadmium    | 108-1 | 58183    | 58514    | 57811    | 58170    | 0.60   | cps   |
| Calcium    | 43-1  | 5207048  | 5176699  | 5257734  | 5213827  | 0.79   | cps   |
| Calcium    | 44-1  | 83967146 | 84440046 | 84584227 | 84330473 | 0.38   | cps   |
| Chromium   | 52-2  | 621979   | 618016   | 618827   | 619607   | 0.34   | cps   |
| Cobalt     | 59-2  | 1210553  | 1213896  | 1215479  | 1213309  | 0.21   | cps   |
| Copper     | 63-2  | 2061926  | 2078377  | 2077612  | 2072638  | 0.45   | cps   |
| Dysprosium | 156-1 | 83       | 158      | 108      | 117      | 32.73  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 23       | 18       | 28.64  | cps   |
| Erbium     | 164-1 | 67       | 75       | 33       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 20       | 17       | 13       | 17       | 20.01  | cps   |
| Gadolinium | 160-1 | 75       | 92       | 75       | 81       | 11.95  | cps   |
| Gadolinium | 160-2 | 27       | 17       | 27       | 23       | 24.74  | cps   |
| Holmium    | 165-1 | 5038626  | 5076571  | 4972539  | 5029245  | 1.05   | cps   |
| Holmium    | 165-2 | 1715563  | 1741100  | 1783328  | 1746664  | 1.96   | cps   |
| Indium     | 115-1 | 4624836  | 4629158  | 4626405  | 4626800  | 0.05   | cps   |
| Indium     | 115-2 | 318884   | 322359   | 326265   | 322503   | 1.14   | cps   |
| Iron       | 56-2  | 99451030 | 98765652 | 99256188 | 99157624 | 0.36   | cps   |
| Iron       | 57-2  | 2504938  | 2518994  | 2545656  | 2523196  | 0.82   | cps   |
| Lead       | 206-1 | 1814114  | 1839463  | 1809665  | 1821081  | 0.88   | cps   |
| Lead       | 207-1 | 1599493  | 1593014  | 1591593  | 1594700  | 0.26   | cps   |
| Lead       | 208-1 | 7324368  | 7352338  | 7342423  | 7339709  | 0.19   | cps   |
| Lithium    | 6-1   | 611390   | 621906   | 624103   | 619133   | 1.10   | cps   |
| Magnesium  | 24-2  | 10288543 | 10241921 | 10307192 | 10279218 | 0.33   | cps   |
| Manganese  | 55-2  | 353944   | 352417   | 354777   | 353713   | 0.34   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3102019  | 3144361  | 3107721  | 3118034  | 0.74   | cps   |
| Molybdenum | 95-1  | 1722674  | 1747478  | 1778115  | 1749422  | 1.59   | cps   |
| Molybdenum | 96-1  | 2256446  | 2254842  | 2252435  | 2254574  | 0.09   | cps   |
| Molybdenum | 97-1  | 1070048  | 1062336  | 1061076  | 1064487  | 0.46   | cps   |
| Molybdenum | 98-1  | 2810984  | 2826650  | 2815745  | 2817793  | 0.29   | cps   |
| Neodymium  | 150-1 | 147      | 173      | 140      | 153      | 11.50  | cps   |
| Neodymium  | 150-2 | 7        | 20       | 13       | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 354637   | 354216   | 355676   | 354843   | 0.21   | cps   |
| Phosphorus | 31-2  | 6644     | 6835     | 7027     | 6835     | 2.81   | cps   |
| Potassium  | 39-2  | 3453390  | 3375792  | 3417553  | 3415578  | 1.14   | cps   |
| Rhodium    | 103-1 | 4428470  | 4416149  | 4402993  | 4415871  | 0.29   | cps   |
| Rhodium    | 103-2 | 1650314  | 1648539  | 1699770  | 1666208  | 1.75   | cps   |
| Scandium   | 45-1  | 3357918  | 3389600  | 3403827  | 3383782  | 0.69   | cps   |
| Scandium   | 45-2  | 39870    | 39475    | 39927    | 39757    | 0.62   | cps   |
| Selenium   | 77-2  | 590      | 593      | 567      | 583      | 2.49   | cps   |
| Selenium   | 78-2  | 1926     | 1889     | 1956     | 1924     | 1.74   | cps   |
| Selenium   | 82-1  | 55579    | 56134    | 56245    | 55986    | 0.64   | cps   |
| Silicon    | 28-1  | 2261622  | 2289507  | 2310664  | 2287264  | 1.08   | cps   |
| Silver     | 109-1 | 3947872  | 4013238  | 3990753  | 3983955  | 0.83   | cps   |
| Silver     | 107-1 | 4168347  | 4166396  | 4198021  | 4177588  | 0.42   | cps   |
| Sodium     | 23-2  | 25182220 | 24895560 | 25230892 | 25102891 | 0.72   | cps   |
| Strontium  | 86-1  | 1088828  | 1089975  | 1096386  | 1091730  | 0.37   | cps   |
| Strontium  | 88-1  | 9603590  | 9519609  | 9524192  | 9549131  | 0.49   | cps   |
| Sulfur     | 34-1  | 653748   | 651951   | 656042   | 653914   | 0.31   | cps   |
| Terbium    | 159-1 | 5317652  | 5326872  | 5248959  | 5297828  | 0.80   | cps   |
| Terbium    | 159-2 | 1691913  | 1709579  | 1748930  | 1716807  | 1.70   | cps   |
| Thallium   | 203-1 | 2256718  | 2297577  | 2274585  | 2276293  | 0.90   | cps   |
| Thallium   | 205-1 | 5380841  | 5503629  | 5388142  | 5424204  | 1.27   | cps   |
| Tin        | 118-1 | 2668800  | 2655315  | 2606624  | 2643580  | 1.24   | cps   |
| Titanium   | 47-1  | 519775   | 514728   | 513117   | 515873   | 0.67   | cps   |
| Uranium    | 238-1 | 6699902  | 6717061  | 6687489  | 6701484  | 0.22   | cps   |
| Vanadium   | 51-2  | 446954   | 442874   | 446359   | 445395   | 0.49   | cps   |
| Yttrium    | 89-1  | 5241722  | 5329583  | 5211121  | 5260809  | 1.17   | cps   |
| Yttrium    | 89-2  | 251567   | 252542   | 259175   | 254428   | 1.63   | cps   |
| Zinc       | 66-2  | 201846   | 203039   | 202231   | 202372   | 0.30   | cps   |
| Zirconium  | 90-1  | 5788455  | 5751231  | 5779456  | 5773047  | 0.34   | cps   |

|                         |                     |                   |                   |
|-------------------------|---------------------|-------------------|-------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal            |
| Lab Sample ID :         | CCV13               | Instrumnet Name : | P8                |
| Client Sample ID :      | CCV13               | Dilution Factor : | 1                 |
| Date & Time Acquired :: | 2017-07-24 19:40:12 | DataFile Name :   | 090CCV_P8072417.D |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1258836 | 1254194 | 1247316 | 1253449 | 0.46   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Antimony   | 121-1 | 1075    | 942     | 983     | 1000    | 6.82   | cps   |
| Arsenic    | 75-2  | 7       | 6       | 7       | 7       | 15.72  | cps   |
| Barium     | 135-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Barium     | 137-1 | 17      | 50      | 58      | 42      | 52.91  | cps   |
| Beryllium  | 9-1   | 89      | 178     | 150     | 139     | 32.74  | cps   |
| Bismuth    | 209-1 | 2888672 | 2870992 | 2736596 | 2832087 | 2.94   | cps   |
| Bismuth    | 209-2 | 1273162 | 1275082 | 1267390 | 1271878 | 0.31   | cps   |
| Boron      | 10-1  | 2325    | 1984    | 2009    | 2106    | 9.05   | cps   |
| Boron      | 11-1  | 10154   | 9812    | 9120    | 9695    | 5.43   | cps   |
| Cadmium    | 111-1 | 698     | 757     | 772     | 742     | 5.22   | cps   |
| Cadmium    | 106-1 | 975     | 1050    | 1075    | 1033    | 5.04   | cps   |
| Cadmium    | 108-1 | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Calcium    | 43-1  | 2992    | 2725    | 2825    | 2848    | 4.73   | cps   |
| Calcium    | 44-1  | 53169   | 54122   | 53795   | 53695   | 0.90   | cps   |
| Chromium   | 52-2  | 1067    | 1010    | 1133    | 1070    | 5.77   | cps   |
| Cobalt     | 59-2  | 83      | 47      | 53      | 61      | 31.96  | cps   |
| Copper     | 63-2  | 293     | 327     | 280     | 300     | 8.01   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 25      | 25      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 7       | 3       | 13      | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 25      | 17      | 42      | 28      | 45.82  | cps   |
| Gadolinium | 160-2 | 3       | 20      | 10      | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 4916558 | 4940025 | 4639275 | 4831953 | 3.46   | cps   |
| Holmium    | 165-2 | 1730686 | 1744251 | 1713498 | 1729479 | 0.89   | cps   |
| Indium     | 115-1 | 4705070 | 4703169 | 4555956 | 4654732 | 1.84   | cps   |
| Indium     | 115-2 | 334362  | 334175  | 336452  | 334996  | 0.38   | cps   |
| Iron       | 56-2  | 4706    | 4484    | 4662    | 4618    | 2.55   | cps   |
| Iron       | 57-2  | 167     | 167     | 194     | 176     | 9.12   | cps   |
| Lead       | 206-1 | 689     | 744     | 761     | 732     | 5.17   | cps   |
| Lead       | 207-1 | 767     | 750     | 672     | 730     | 6.91   | cps   |
| Lead       | 208-1 | 3072    | 3200    | 2922    | 3065    | 4.54   | cps   |
| Lithium    | 6-1   | 616854  | 617071  | 582718  | 605548  | 3.27   | cps   |
| Magnesium  | 24-2  | 125     | 92      | 150     | 122     | 23.95  | cps   |
| Manganese  | 55-2  | 90      | 73      | 77      | 80      | 11.02  | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 433     | 367     | 342     | 381     | 12.45   | cps   |
| Molybdenum | 95-1  | 25      | 125     | 75      | 75      | 66.67   | cps   |
| Molybdenum | 96-1  | 142     | 158     | 150     | 150     | 5.56    | cps   |
| Molybdenum | 97-1  | 75      | 125     | 117     | 106     | 25.38   | cps   |
| Molybdenum | 98-1  | 125     | 92      | 167     | 128     | 29.41   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 107     | 53      | 107     | 89      | 34.64   | cps   |
| Phosphorus | 31-2  | 17      | 8       | 33      | 19      | 65.48   | cps   |
| Potassium  | 39-2  | 4768    | 5109    | 4868    | 4915    | 3.58    | cps   |
| Rhodium    | 103-1 | 4684219 | 4657331 | 4386537 | 4576029 | 3.60    | cps   |
| Rhodium    | 103-2 | 1782615 | 1775861 | 1781991 | 1780156 | 0.21    | cps   |
| Scandium   | 45-1  | 3328628 | 3358104 | 3180624 | 3289119 | 2.89    | cps   |
| Scandium   | 45-2  | 40087   | 39933   | 39302   | 39774   | 1.05    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 7       | 4       | 2       | 4       | 65.54   | cps   |
| Selenium   | 82-1  | -7      | -60     | 7       | -20     | -173.46 | cps   |
| Silicon    | 28-1  | 403841  | 398322  | 391146  | 397769  | 1.60    | cps   |
| Silver     | 109-1 | 242     | 275     | 333     | 283     | 16.38   | cps   |
| Silver     | 107-1 | 292     | 300     | 233     | 275     | 13.21   | cps   |
| Sodium     | 23-2  | 13015   | 13073   | 12873   | 12987   | 0.79    | cps   |
| Strontium  | 86-1  | 1083    | 1208    | 1092    | 1128    | 6.20    | cps   |
| Strontium  | 88-1  | 267     | 283     | 308     | 286     | 7.33    | cps   |
| Sulfur     | 34-1  | 341024  | 339301  | 337086  | 339137  | 0.58    | cps   |
| Terbium    | 159-1 | 5238252 | 5195179 | 4893012 | 5108814 | 3.68    | cps   |
| Terbium    | 159-2 | 1713404 | 1682084 | 1684288 | 1693259 | 1.03    | cps   |
| Thallium   | 203-1 | 767     | 750     | 508     | 675     | 21.42   | cps   |
| Thallium   | 205-1 | 1742    | 1450    | 1434    | 1542    | 11.25   | cps   |
| Tin        | 118-1 | 1200    | 1267    | 1225    | 1231    | 2.74    | cps   |
| Titanium   | 47-1  | 175     | 117     | 150     | 147     | 19.88   | cps   |
| Uranium    | 238-1 | 67      | 125     | 42      | 78      | 54.98   | cps   |
| Vanadium   | 51-2  | 10      | 13      | 23      | 16      | 44.60   | cps   |
| Yttrium    | 89-1  | 5297851 | 5199399 | 4982004 | 5159751 | 3.13    | cps   |
| Yttrium    | 89-2  | 254957  | 258582  | 255690  | 256409  | 0.75    | cps   |
| Zinc       | 66-2  | 73      | 93      | 80      | 82      | 12.39   | cps   |
| Zirconium  | 90-1  | 708     | 833     | 908     | 817     | 12.37   | cps   |

|                         |                     |                   |                    |
|-------------------------|---------------------|-------------------|--------------------|
| LB Number :             | LB89311             | Operator :        | Jaswal             |
| Lab Sample ID :         | CCB13               | Instrumnet Name : | P8                 |
| Client Sample ID :      | CCB13               | Dilution Factor : | 1                  |
| Date & Time Acquired :: | 2017-07-24 19:43:13 | DataFile Name :   | 091CCBE_P8072417.D |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 158  | 150  | 189     | 31.92  | cps   |