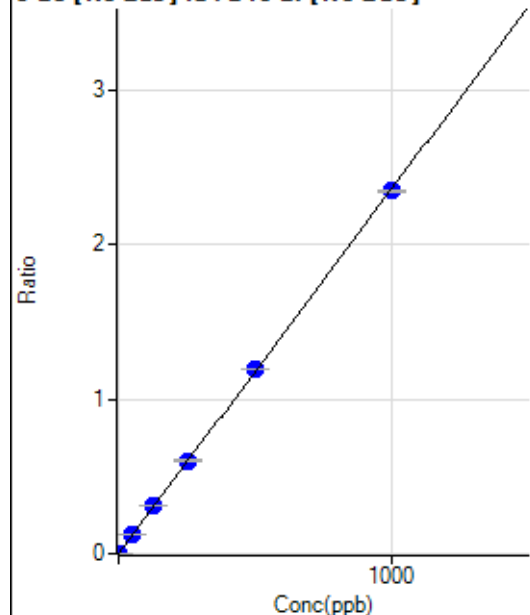


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7081417-ICPMS.b\  
 Analysis File: P7081417-ICPMS.batch.bin  
 DA Date-Time: 2017-08-15 11:05:31  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2017-08-14 15:28:42 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-08-14 15:36:33 |
| 4     | 006CALS.d          | S03         | 2017-08-14 15:40:19 |
| 5     | 007CALS.d          | S04         | 2017-08-14 15:44:17 |
| 6     | 008CALS.d          | S05         | 2017-08-14 15:47:56 |
| 7     | 009CALS.d          | S06         | 2017-08-14 15:51:30 |
| 8     | 010CALS.d          | S07         | 2017-08-14 15:55:02 |
| 9     | 011CALS.d          | S08         | 2017-08-14 15:58:29 |

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      | 16.67      | 0.0000 | P    | 0.3  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 959.32     | 0.0022 | P    | 12.0 |
| 4 | <input type="checkbox"/> | 50.000   | 52.285     | 54972.10   | 0.1234 | P    | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 131.694    | 140382.83  | 0.3107 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 255.806    | 280051.35  | 0.6034 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 504.622    | 546594.91  | 1.1903 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.287    | 1065861.29 | 2.3476 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 159.27     | 0.0003 | P    | 10.3 |

$$y = 0.0024 * x + 3.7797E-005$$

$$R = 1.0000$$

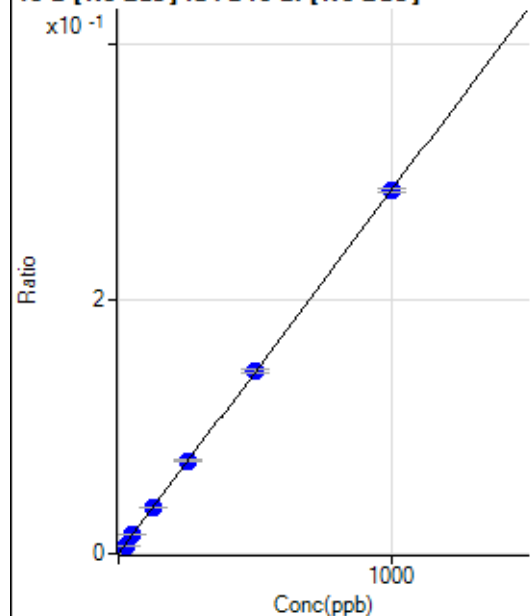
$$DL = 0.0001631$$

$$BEC = 0.01602$$

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      | 69.45     | 0.0002 | P    | 30.5 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 21.328     | 2736.49   | 0.0062 | P    | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.450     | 6740.63   | 0.0151 | P    | 5.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.372    | 16242.66  | 0.0359 | P    | 1.7  |
| 6 | <input type="checkbox"/> | 250.000  | 253.952    | 33719.11  | 0.0726 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 501.582    | 65821.98  | 0.1433 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.144    | 129433.78 | 0.2851 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 3808.97   | 0.0081 | P    | 12.3 |

$$y = 2.8544E-004 * x + 1.5756E-004$$

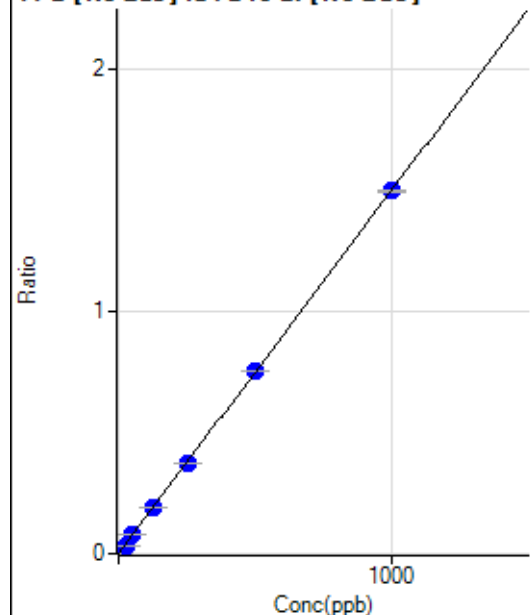
$$R = 1.0000$$

$$DL = 0.5057$$

$$BEC = 0.552$$

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      | 408.35    | 0.0009 | P    | 3.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 22.153     | 14938.49  | 0.0341 | P    | 2.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.549     | 34807.91  | 0.0781 | P    | 2.6 |
| 5 | <input type="checkbox"/> | 125.000  | 126.907    | 86293.74  | 0.1910 | P    | 2.0 |
| 6 | <input type="checkbox"/> | 250.000  | 248.301    | 173005.04 | 0.3728 | P    | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 502.116    | 345722.58 | 0.7528 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.122    | 679766.96 | 1.4971 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 18531.54  | 0.0396 | P    | 4.0 |

$$y = 0.0015 * x + 9.2586E-004$$

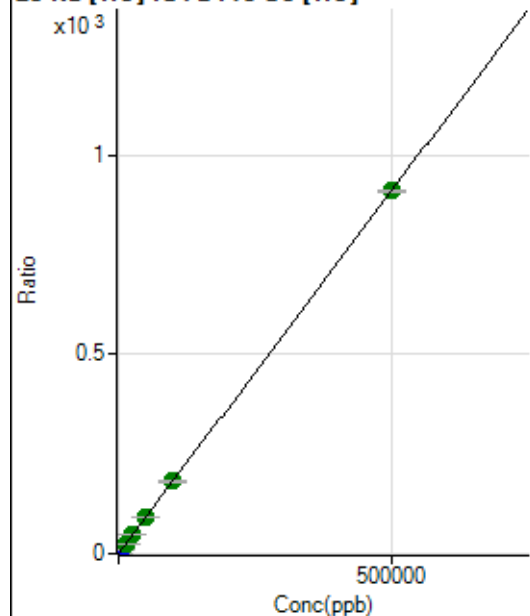
$$R = 1.0000$$

$$DL = 0.06295$$

$$BEC = 0.6183$$

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      | 18373.06    | 0.0596   | P    | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 469.667    | 281817.32   | 0.9136   | P    | 0.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 5230.923   | 2970022.18  | 9.5716   | P    | 0.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12917.485  | 7390099.64  | 23.5489  | A    | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 25529.058  | 14463958.31 | 46.4820  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 50373.717  | 28461517.65 | 91.6599  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 100000.00 | 99474.400  | 56698217.24 | 180.9452 | A    | 0.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 500028.57  | 284887253.5 | 909.3187 | A    | 0.3 |

$$y = 0.0018 * x + 0.0596$$

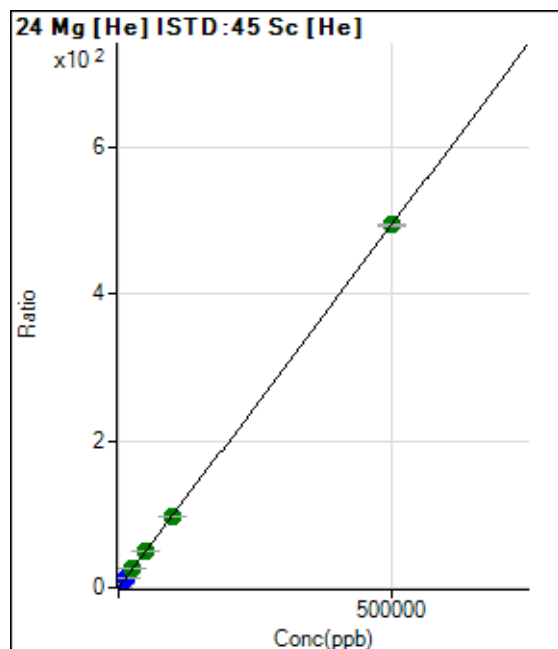
$$R = 1.0000$$

$$DL = 0.7218$$

$$BEC = 32.76$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 213.90      | 0.0007   | P    | 32.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 458.100    | 139914.11   | 0.4536   | P    | 0.4  |
| 4 | <input type="checkbox"/> | 5000.000  | 5213.970   | 1599640.50  | 5.1551   | P    | 0.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12909.225  | 4005116.97  | 12.7626  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 25670.994  | 7897402.26  | 25.3786  | A    | 0.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 50264.617  | 15429787.33 | 49.6915  | A    | 0.9  |
| 8 | <input type="checkbox"/> | 100000.00 | 98709.058  | 30576661.45 | 97.5829  | A    | 0.9  |
| 9 | <input type="checkbox"/> | 500000.00 | 500185.84  | 154913004.8 | 494.4766 | A    | 0.6  |

$$y = 9.8858\text{E-}004 * x + 6.9218\text{E-}004$$

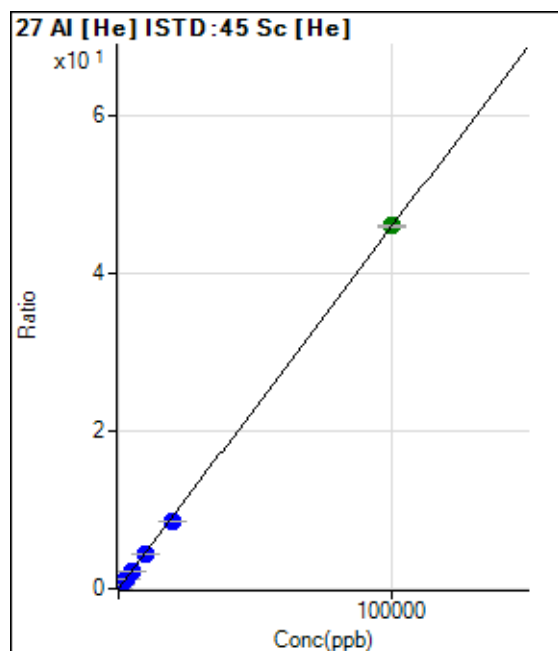
$$R = 1.0000$$

$$DL = 0.6811$$

$$BEC = 0.7002$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 188.90      | 0.0006  | P    | 17.7 |
| 2 | <input type="checkbox"/> | 2.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.775     | 2705.93     | 0.0088  | P    | 5.7  |
| 4 | <input type="checkbox"/> | 1000.000  | 981.615    | 140095.83   | 0.4515  | P    | 1.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2451.619   | 353555.11   | 1.1266  | P    | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4857.602   | 694440.81   | 2.2317  | P    | 0.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9499.300   | 1354903.05  | 4.3636  | P    | 1.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 18702.460  | 2691843.42  | 8.5905  | P    | 0.2  |
| 9 | <input type="checkbox"/> | 100000.00 | 100318.09  | 14435151.02 | 46.0759 | A    | 0.3  |

$$y = 4.5929\text{E-}004 * x + 6.1249\text{E-}004$$

$$R = 0.9999$$

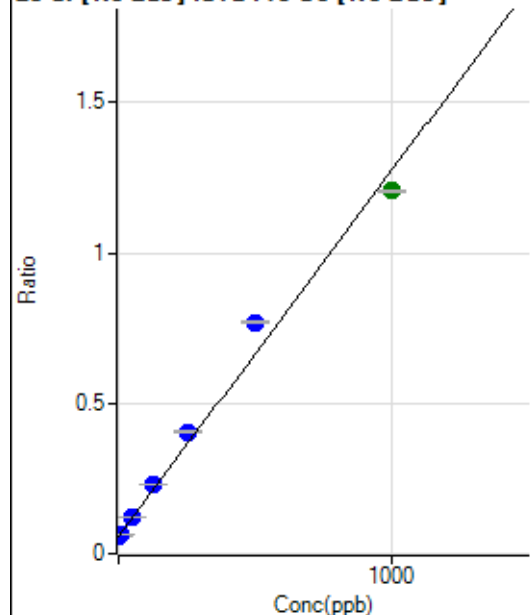
$$DL = 0.7069$$

$$BEC = 1.334$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 268366.18  | 0.0568 | P    | 1.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 7.155      | 312710.13  | 0.0655 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 50.000   | 54.820     | 599192.69  | 0.1235 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 125.000  | 141.506    | 1123806.32 | 0.2289 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 287.084    | 1983712.61 | 0.4060 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 586.738    | 3709695.44 | 0.7704 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 945.084    | 5832156.86 | 1.2062 | A    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 476075.67  | 0.0994 | P    | 2.4 |

$$y = 0.0012 * x + 0.0568$$

$$R = 0.9931$$

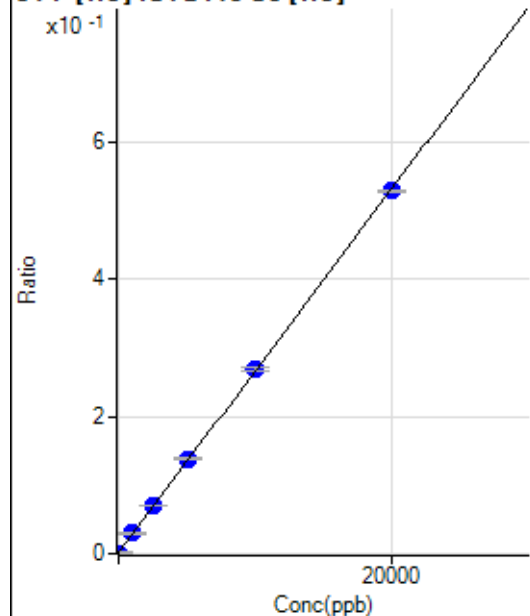
$$DL = 1.48$$

$$BEC = 46.71$$

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     | -1.053     | 397.25    | 0.0013 | P    | 7.3  |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 1.053      | 413.91    | 0.0013 | P    | 10.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1064.354   | 9153.19   | 0.0295 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 2500.000  | 2591.852   | 21950.25  | 0.0699 | P    | 2.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5139.259   | 42754.28  | 0.1374 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10091.271  | 83380.53  | 0.2685 | P    | 1.5  |
| 8 | <input type="checkbox"/> | 20000.000 | 19904.851  | 165570.21 | 0.5284 | P    | 0.4  |
| 9 | <input type="checkbox"/> |           |            | 405.58    | 0.0013 | P    | 7.4  |

$$y = 2.6480E-005 * x + 0.0013$$

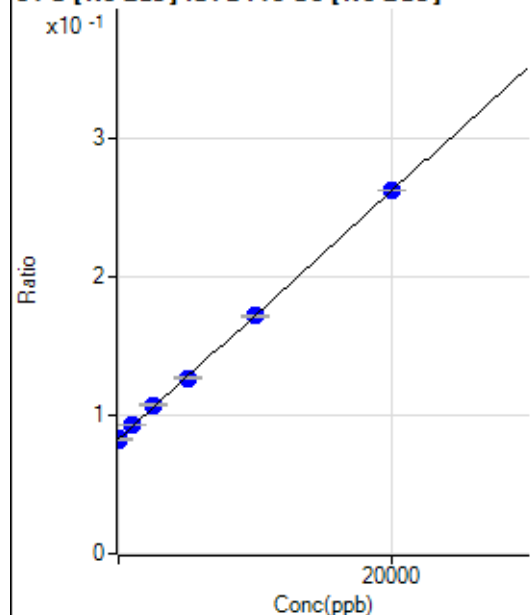
$$R = 1.0000$$

$$DL = 13.13$$

$$BEC = 49.68$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 30.261     | 392763.28  | 0.0831 | P    | 0.4 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -30.261    | 394270.94  | 0.0826 | P    | 0.5 |
| 4 | <input type="checkbox"/> | 1000.000  | 1152.468   | 452279.93  | 0.0932 | P    | 1.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2722.443   | 526723.65  | 0.1073 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 4899.704   | 619726.96  | 0.1268 | P    | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9963.204   | 829358.43  | 0.1722 | P    | 0.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 20008.044  | 1268372.94 | 0.2623 | P    | 0.1 |
| 9 | <input type="checkbox"/> |           |            | 347733.44  | 0.0726 | P    | 0.8 |

$$y = 8.9692\text{E-}006 * x + 0.0829$$

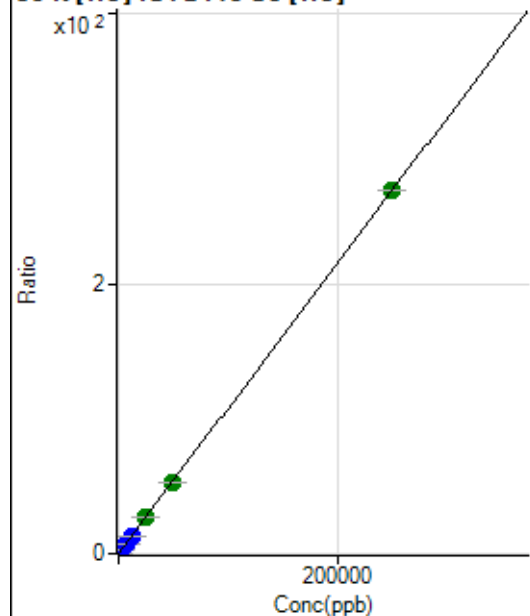
$$R = 0.9999$$

$$DL = 128$$

$$BEC = 9239$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 48452.36    | 0.1571   | P    | 2.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 450.162    | 197420.16   | 0.6401   | P    | 1.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2523.053   | 888657.58   | 2.8640   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 6250.000  | 6299.971   | 2170369.30  | 6.9160   | P    | 0.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 12349.942  | 4171811.99  | 13.4067  | P    | 0.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24715.183  | 8282375.62  | 26.6726  | A    | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 48562.528  | 16374777.10 | 52.2571  | A    | 0.2 |
| 9 | <input type="checkbox"/> | 250000.00 | 250322.09  | 84186122.02 | 268.7133 | A    | 0.1 |

$$y = 0.0011 * x + 0.1571$$

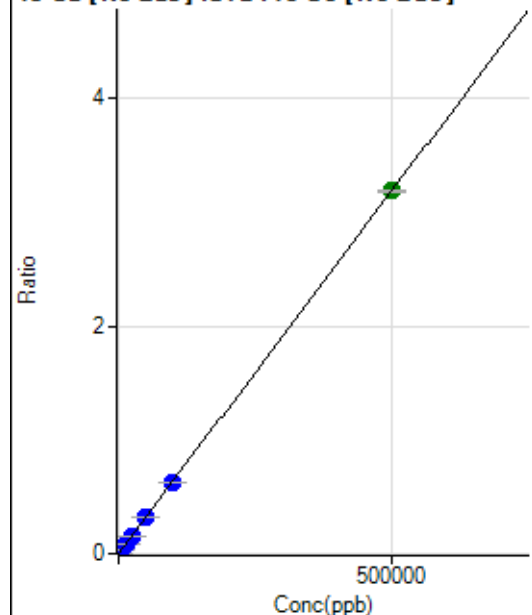
$$R = 1.0000$$

$$DL = 9.365$$

$$BEC = 146.5$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1477.93     | 0.0003 | P    | 2.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 449.234    | 15136.19    | 0.0032 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5066.037   | 157915.46   | 0.0325 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12612.642  | 395480.83   | 0.0806 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 24985.897  | 778312.14   | 0.1593 | P    | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 49571.822  | 1520237.53  | 0.3157 | P    | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 97742.590  | 3008177.13  | 0.6222 | P    | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 500491.57  | 15254956.25 | 3.1845 | A    | 0.9 |

$$y = 6.3621\text{E-}006 * x + 3.1283\text{E-}004$$

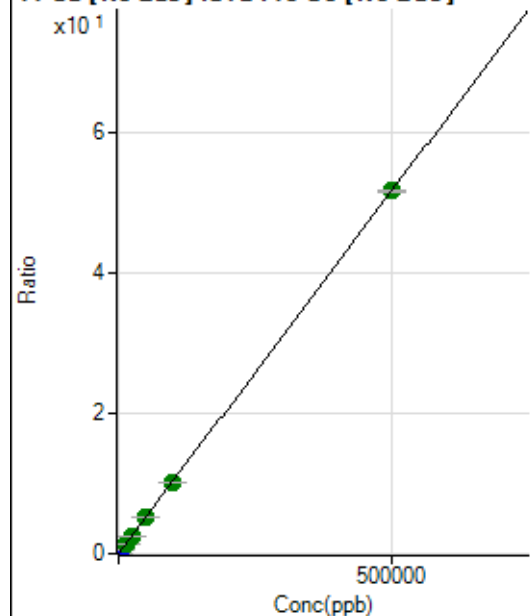
$$R = 1.0000$$

$$DL = 2.892$$

$$BEC = 49.17$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 45875.31    | 0.0097  | P    | 0.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 454.713    | 270355.72   | 0.0566  | P    | 0.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 5084.472   | 2593363.90  | 0.5344  | P    | 1.1 |
| 5 | <input type="checkbox"/> | 12500.000 | 12542.340  | 6402481.48  | 1.3041  | A    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 24857.983  | 12583378.58 | 2.5751  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 49617.966  | 24706266.52 | 5.1304  | A    | 0.0 |
| 8 | <input type="checkbox"/> | 100000.00 | 98328.657  | 49111887.90 | 10.1575 | A    | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 500377.71  | 247425172.2 | 51.6502 | A    | 0.8 |

$$y = 1.0320\text{E-}004 * x + 0.0097$$

$$R = 1.0000$$

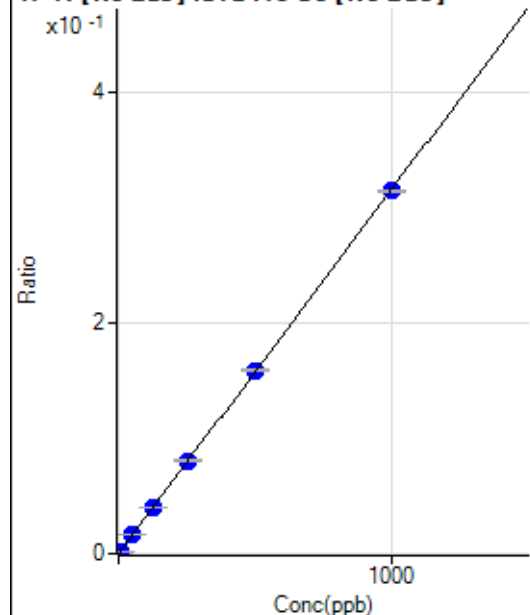
$$DL = 0.6618$$

$$BEC = 94.09$$

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      | 180.57     | 0.0000 | P   | 25.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.424      | 6851.90    | 0.0014 | P   | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.573     | 79219.01   | 0.0163 | P   | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 128.508    | 199424.85  | 0.0406 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 254.648    | 393141.38  | 0.0805 | P   | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 503.649    | 766082.46  | 0.1591 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.499    | 1521688.22 | 0.3147 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1097.32    | 0.0002 | P   | 7.8  |

$$y = 3.1580\text{E-}004 * x + 3.8229\text{E-}005$$

$$R = 1.0000$$

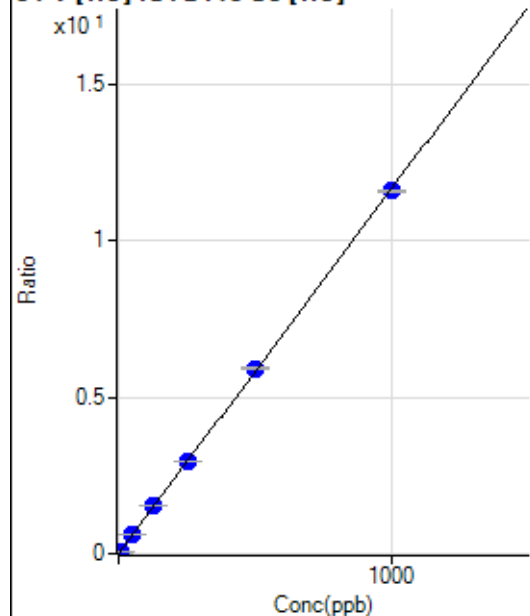
$$DL = 0.09268$$

$$BEC = 0.1211$$

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      | 21.11      | 0.0001  | P   | 45.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.686      | 16889.90   | 0.0547  | P   | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.270     | 185644.47  | 0.5982  | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 129.438    | 473942.90  | 1.5102  | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 255.238    | 926683.37  | 2.9780  | P   | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 506.920    | 1836495.21 | 5.9144  | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.614    | 3636242.41 | 11.6044 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1780.14    | 0.0057  | P   | 3.5  |

$$y = 0.0117 * x + 6.8557\text{E-}005$$

$$R = 0.9999$$

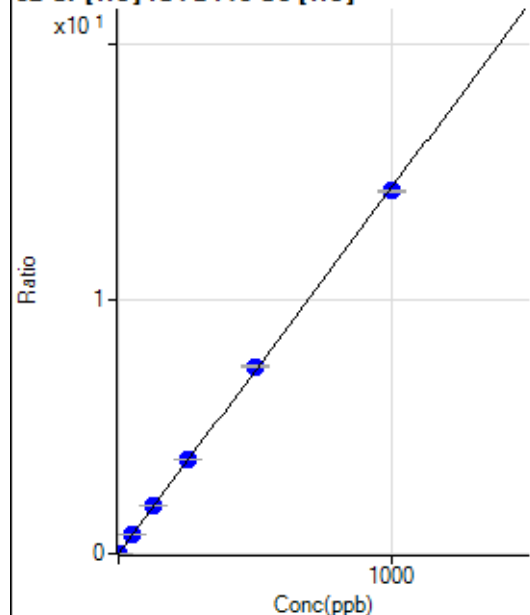
$$DL = 0.008084$$

$$BEC = 0.005876$$

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      | 1942.39    | 0.0063  | P    | 8.1 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.063      | 11086.57   | 0.0359  | P    | 2.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.367     | 235400.80  | 0.7586  | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 131.715    | 595808.81  | 1.8986  | P    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 258.434    | 1157275.21 | 3.7191  | P    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 510.831    | 2280740.40 | 7.3451  | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.518    | 4465391.32 | 14.2508 | P    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 17951.16   | 0.0573  | P    | 3.0 |

$$y = 0.0144 * x + 0.0063$$

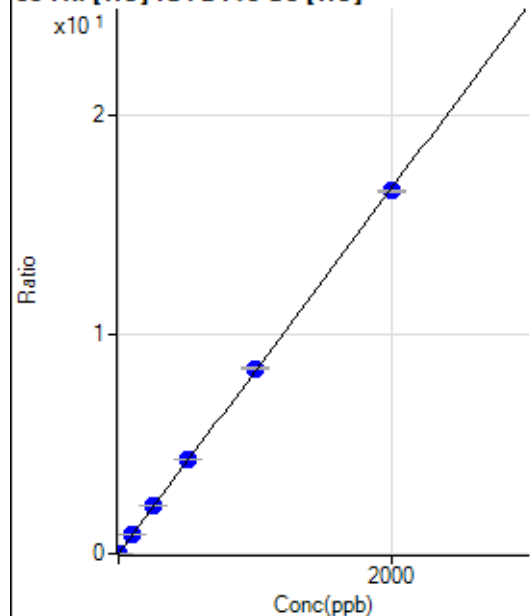
$$R = 0.9999$$

$$DL = 0.1071$$

$$BEC = 0.4385$$

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      | 73.34      | 0.0002  | P    | 18.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.990      | 2620.28    | 0.0085  | P    | 2.4  |
| 4 | <input type="checkbox"/> | 100.000  | 105.011    | 271610.63  | 0.8753  | P    | 0.1  |
| 5 | <input type="checkbox"/> | 250.000  | 263.116    | 688150.54  | 2.1928  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 515.220    | 1336078.86 | 4.2936  | P    | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1015.644   | 2628134.75 | 8.4637  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1986.483   | 5187104.40 | 16.5538 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 14576.27   | 0.0465  | P    | 2.7  |

$$y = 0.0083 * x + 2.3780E-004$$

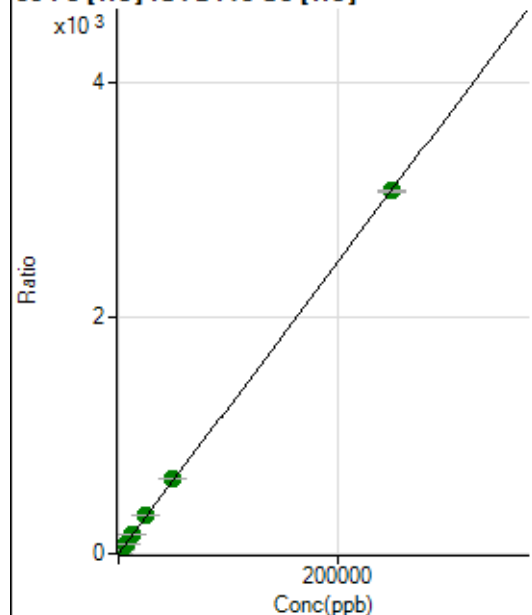
$$R = 0.9999$$

$$DL = 0.01547$$

$$BEC = 0.02854$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 5856.89     | 0.0190    | P        | 4.1 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |          |     |
| 3 | <input type="checkbox"/> | 50.000    | 47.076     | 185044.69   | 0.5998    | P        | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2658.495   | 10184322.45 | 32.8204   | A        | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6636.058   | 25700975.34 | 81.8968   | A        | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12970.080  | 49803465.93 | 160.0480  | A        | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 25950.476  | 99429571.67 | 320.2043  | A        | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 51105.649  | 197590258.1 | 630.5770  | A        | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249649.08  | 965035747.5 | 3,080.270 | A        | 0.6 |

$$y = 0.0123 * x + 0.0190$$

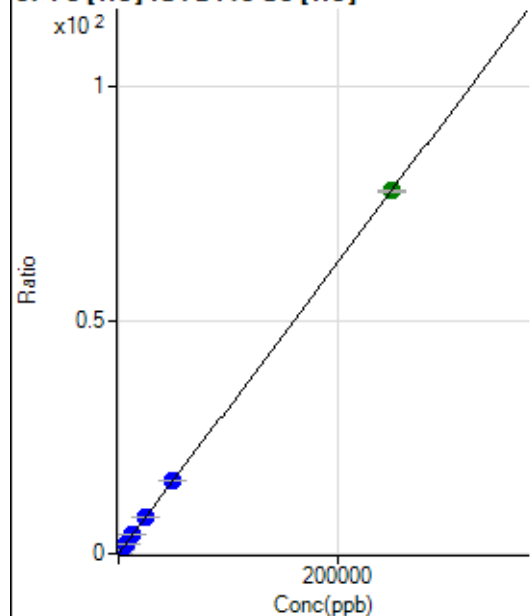
$$R = 1.0000$$

$$DL = 0.1883$$

$$BEC = 1.539$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 398.17      | 0.0013  | P        | 18.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |          |      |
| 3 | <input type="checkbox"/> | 50.000    | 46.002     | 4806.49     | 0.0156  | P        | 0.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2623.639   | 253314.29   | 0.8163  | P        | 0.4  |
| 5 | <input type="checkbox"/> | 6250.000  | 6549.757   | 638936.15   | 2.0360  | P        | 0.5  |
| 6 | <input type="checkbox"/> | 12500.000 | 12908.148  | 1248210.33  | 4.0112  | P        | 0.0  |
| 7 | <input type="checkbox"/> | 25000.000 | 25413.040  | 2451835.01  | 7.8959  | P        | 0.4  |
| 8 | <input type="checkbox"/> | 50000.000 | 49875.390  | 4855336.91  | 15.4952 | P        | 0.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249954.48  | 24328048.23 | 77.6503 | A        | 0.7  |

$$y = 3.1065E-004 * x + 0.0013$$

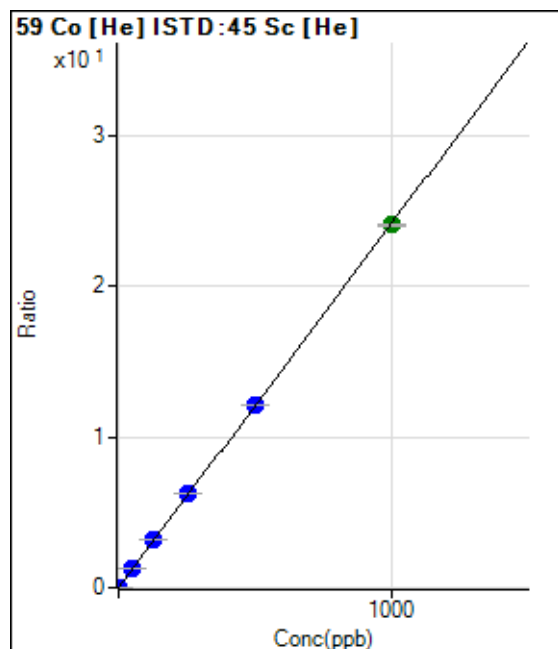
$$R = 1.0000$$

$$DL = 2.275$$

$$BEC = 4.152$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 73.34      | 0.0002  | P        | 25.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.958      | 7225.23    | 0.0234  | P        | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.740     | 395873.58  | 1.2758  | P        | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 130.788    | 992730.51  | 3.1634  | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 257.341    | 1936761.50 | 6.2241  | P        | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 501.969    | 3769862.55 | 12.1406 | P        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.320    | 7550656.34 | 24.0966 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 9440.96    | 0.0301  | P        | 2.8  |

$$y = 0.0242 * x + 2.3817E-004$$

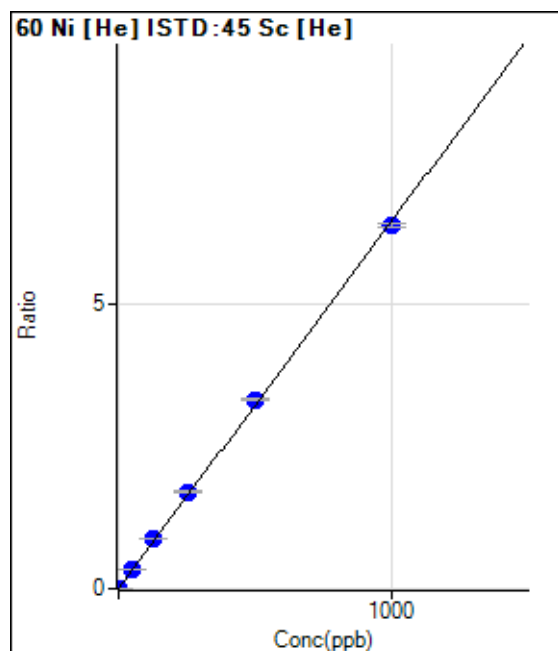
$$R = 1.0000$$

$$DL = 0.007407$$

$$BEC = 0.009848$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 85.56      | 0.0003 | P        | 4.0  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.444      | 2930.51    | 0.0096 | P        | 48.8 |
| 4 | <input type="checkbox"/> | 50.000   | 54.508     | 109044.22  | 0.3514 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 134.495    | 271973.43  | 0.8667 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 263.779    | 528829.18  | 1.6995 | P        | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 514.409    | 1029030.67 | 3.3140 | P        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.938    | 1994186.19 | 6.3643 | P        | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 4947.59    | 0.0158 | P        | 2.7  |

$$y = 0.0064 * x + 2.7740E-004$$

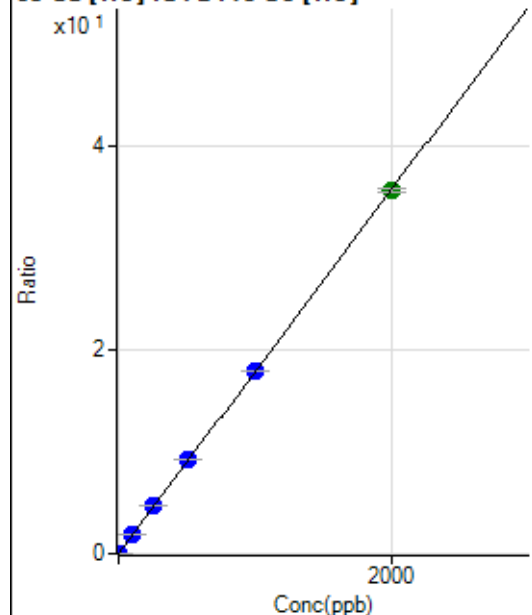
$$R = 0.9997$$

$$DL = 0.005226$$

$$BEC = 0.04306$$

Weight: <None>

Min Conc: 0

**63 Cu [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1526.77     | 0.0050  | P    | 5.2  |
| 2 | <input type="checkbox"/> | 0.200    |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.546      | 15510.00    | 0.0504  | P    | 15.1 |
| 4 | <input type="checkbox"/> | 100.000  | 106.675    | 592510.12   | 1.9095  | P    | 0.3  |
| 5 | <input type="checkbox"/> | 250.000  | 263.268    | 1476582.11  | 4.7052  | P    | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 517.594    | 2877082.73  | 9.2458  | P    | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.715   | 5554791.17  | 17.8890 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1992.751   | 11149421.78 | 35.5824 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 17634.15    | 0.0563  | P    | 0.7  |

$$y = 0.0179 * x + 0.0050$$

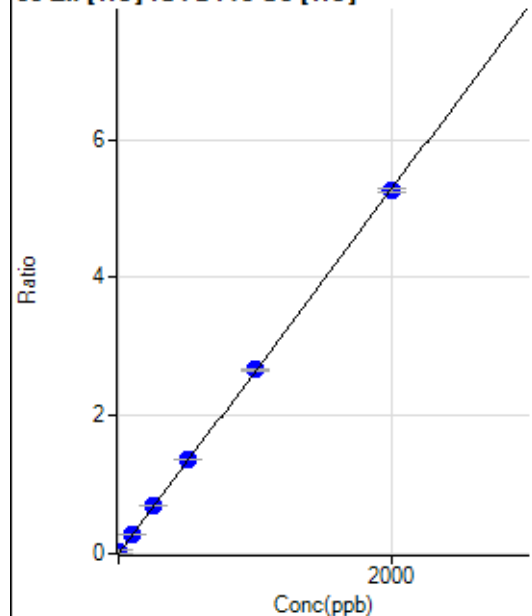
$$R = 0.9999$$

$$DL = 0.04294$$

$$BEC = 0.2773$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 163.34     | 0.0005 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 10.493     | 8529.12    | 0.0282 | P    | 121. |
| 4 | <input type="checkbox"/> | 100.000  | 104.430    | 85761.30   | 0.2764 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 259.808    | 215531.09  | 0.6868 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 514.601    | 423148.49  | 1.3598 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.301   | 828012.08  | 2.6666 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.243   | 1647464.37 | 5.2577 | P    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 4829.77    | 0.0154 | P    | 0.8  |

$$y = 0.0026 * x + 5.2970E-004$$

$$R = 1.0000$$

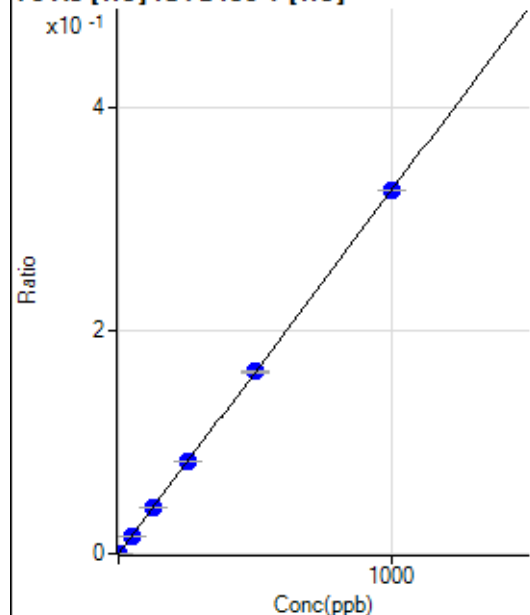
$$DL = 0.1048$$

$$BEC = 0.2005$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 12.35     | 0.0000 | P    | 68.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 573.47    | 0.0003 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.958     | 29239.23  | 0.0163 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 127.363    | 75154.44  | 0.0416 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 252.918    | 147951.03 | 0.0825 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 501.083    | 293557.20 | 0.1635 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.436    | 582130.09 | 0.3258 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 287.04    | 0.0002 | P    | 5.1  |

$$y = 3.2630\text{E-}004 * x + 6.9775\text{E-}006$$

$$R = 1.0000$$

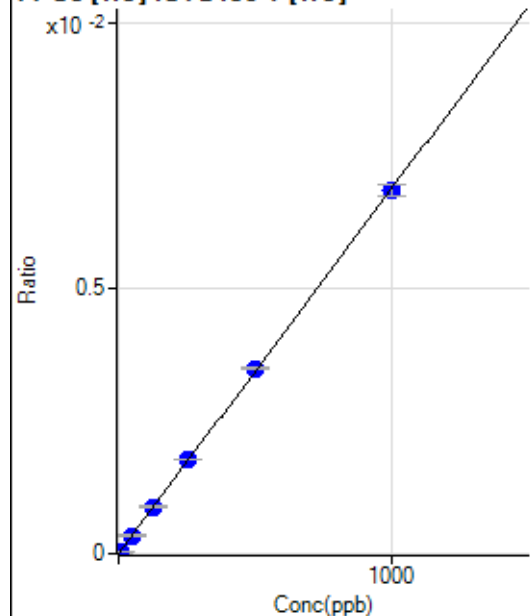
$$DL = 0.04418$$

$$BEC = 0.02138$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11     | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.944      | 73.33    | 0.0000 | P    | 26.5 |
| 4 | <input type="checkbox"/> | 50.000   | 49.908     | 615.58   | 0.0003 | P    | 3.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.815    | 1587.89  | 0.0009 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 257.296    | 3168.19  | 0.0018 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 506.769    | 6248.13  | 0.0035 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.439    | 12203.10 | 0.0068 | P    | 3.3  |
| 9 | <input type="checkbox"/> |          |            | 11.11    | 0.0000 | P    | 45.7 |

$$y = 6.8663\text{E-}006 * x + 6.3202\text{E-}007$$

$$R = 0.9999$$

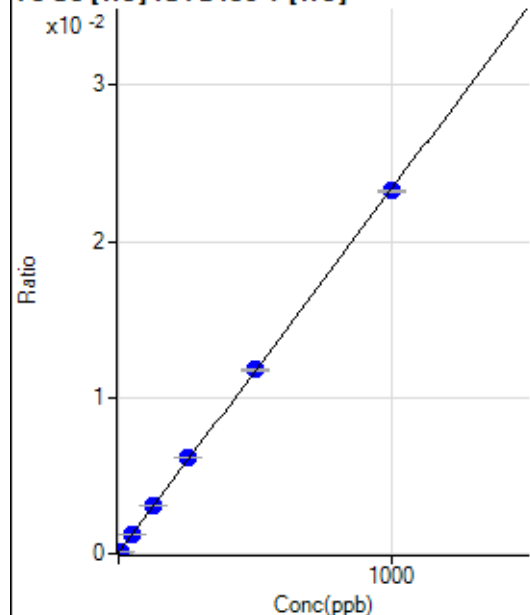
$$DL = 0.4783$$

$$BEC = 0.09205$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.64   | 0.0001 | P   | 7.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.591      | 298.16   | 0.0002 | P   | 9.0 |
| 4 | <input type="checkbox"/> | 50.000   | 50.326     | 2212.54  | 0.0012 | P   | 5.6 |
| 5 | <input type="checkbox"/> | 125.000  | 131.786    | 5664.12  | 0.0031 | P   | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 259.788    | 10962.86 | 0.0061 | P   | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 503.803    | 21188.38 | 0.0118 | P   | 0.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.789    | 41530.25 | 0.0232 | P   | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 126.54   | 0.0001 | P   | 6.7 |

$$y = 2.3304\text{E-}005 * x + 6.1482\text{E-}005$$

$$R = 0.9999$$

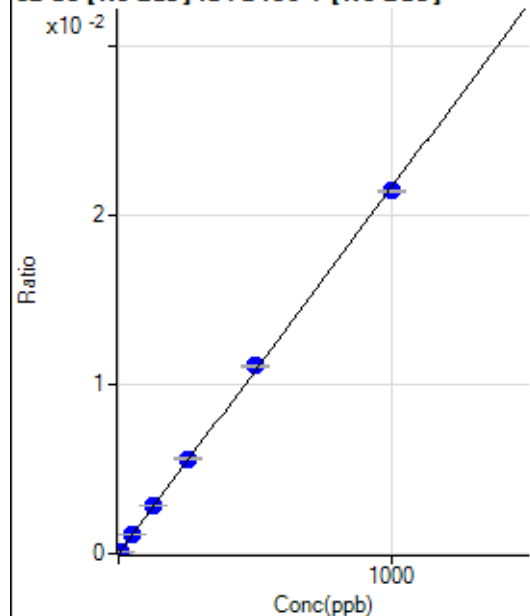
$$DL = 0.6287$$

$$BEC = 2.638$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.47     | 0.0000 | P   | 125. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.404      | 1132.93   | 0.0001 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 53.057     | 10905.11  | 0.0012 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.633    | 27044.97  | 0.0028 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 258.736    | 53440.45  | 0.0056 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 512.743    | 104481.23 | 0.0111 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.585    | 203729.08 | 0.0215 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 261.16    | 0.0000 | P   | 14.8 |

$$y = 2.1651\text{E-}005 * x + 3.8714\text{E-}006$$

$$R = 0.9998$$

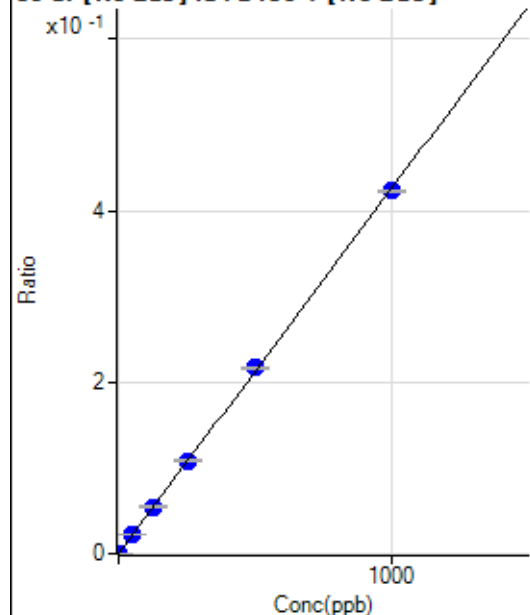
$$DL = 0.6749$$

$$BEC = 0.1788$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 969.52     | 0.0001 | P   | 3.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.942      | 4748.23    | 0.0005 | P   | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 51.170     | 206917.71  | 0.0219 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 128.586    | 523342.00  | 0.0548 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 255.169    | 1035873.47 | 0.1087 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 508.692    | 2036948.07 | 0.2165 | P   | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.855    | 4016355.90 | 0.4229 | P   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 134006.75  | 0.0149 | P   | 1.4 |

$$y = 4.2539\text{E-}004 * x + 1.0564\text{E-}004$$

$$R = 0.9999$$

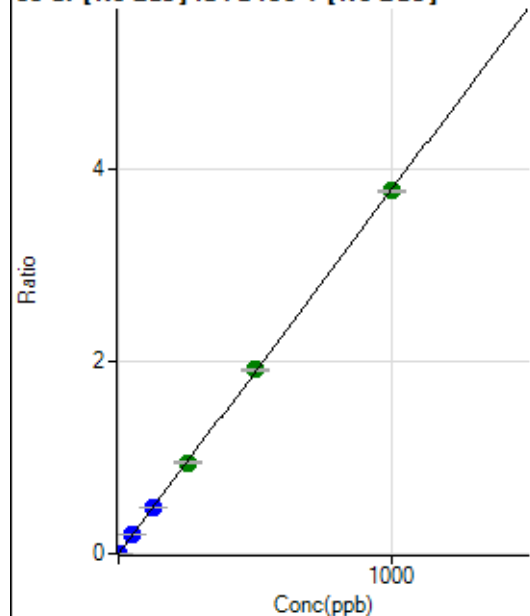
$$DL = 0.02406$$

$$BEC = 0.2483$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 766.72      | 0.0001 | P   | 7.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.927      | 33618.13    | 0.0036 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.368     | 1802366.27  | 0.1905 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 125.778    | 4541997.63  | 0.4756 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 250.403    | 9026614.61  | 0.9468 | A   | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 505.456    | 17981370.37 | 1.9111 | A   | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.056    | 35804166.08 | 3.7698 | A   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 1165294.85  | 0.1295 | P   | 0.3 |

$$y = 0.0038 * x + 8.3555\text{E-}005$$

$$R = 1.0000$$

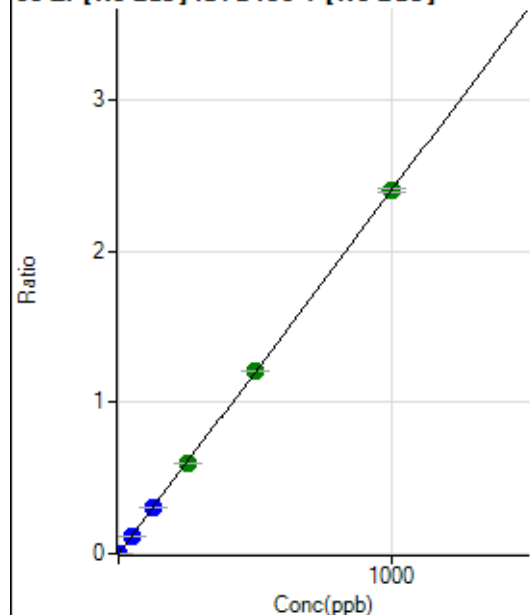
$$DL = 0.005191$$

$$BEC = 0.0221$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 813.95      | 0.0001 | P   | 6.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.818      | 19258.00    | 0.0021 | P   | 2.2 |
| 4 | <input type="checkbox"/> | 50.000   | 49.090     | 1116801.95  | 0.1181 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 124.797    | 2864526.43  | 0.3000 | P   | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 250.658    | 5743423.30  | 0.6024 | A   | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 502.291    | 11356944.09 | 1.2071 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.761    | 22794771.00 | 2.4001 | A   | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 6285.01     | 0.0007 | P   | 6.6 |

$$y = 0.0024 * x + 8.8698E-005$$

$$R = 1.0000$$

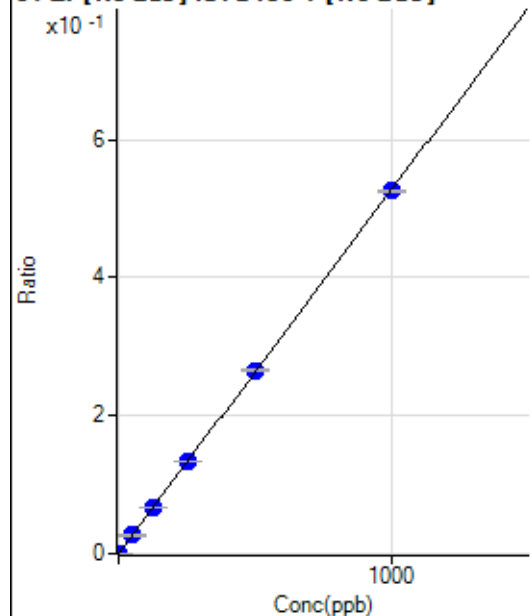
$$DL = 0.007567$$

$$BEC = 0.03691$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 130.56     | 0.0000 | P   | 16.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.824      | 4203.59    | 0.0004 | P   | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.250     | 250653.79  | 0.0265 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 126.602    | 637270.48  | 0.0667 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 252.021    | 1266378.90 | 0.1328 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 504.622    | 2502207.41 | 0.2660 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.971    | 4990184.96 | 0.5254 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1302.90    | 0.0001 | P   | 6.7  |

$$y = 5.2701E-004 * x + 1.4225E-005$$

$$R = 1.0000$$

$$DL = 0.01296$$

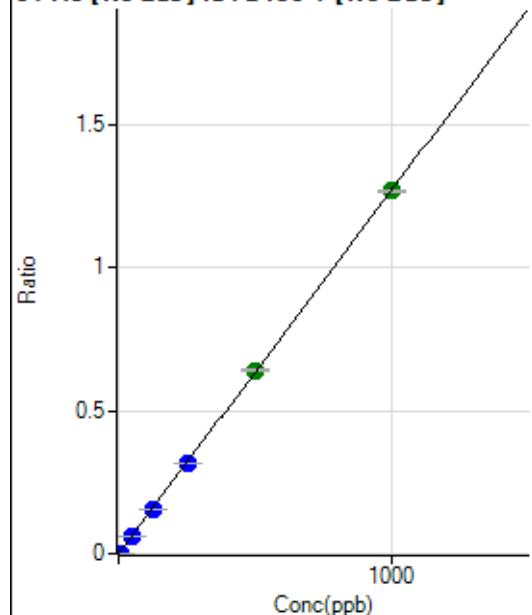
$$BEC = 0.02699$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 252.79      | 0.0000 | P    | 13.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.892      | 22813.52    | 0.0024 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.241     | 592576.85   | 0.0626 | P    | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.127    | 1507389.44  | 0.1579 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.820    | 3004249.42  | 0.3151 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 504.298    | 6033102.78  | 0.6412 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.559    | 12058590.89 | 1.2697 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 8244.44     | 0.0009 | P    | 2.8  |

$$y = 0.0013 * x + 2.7550E-005$$

$$R = 1.0000$$

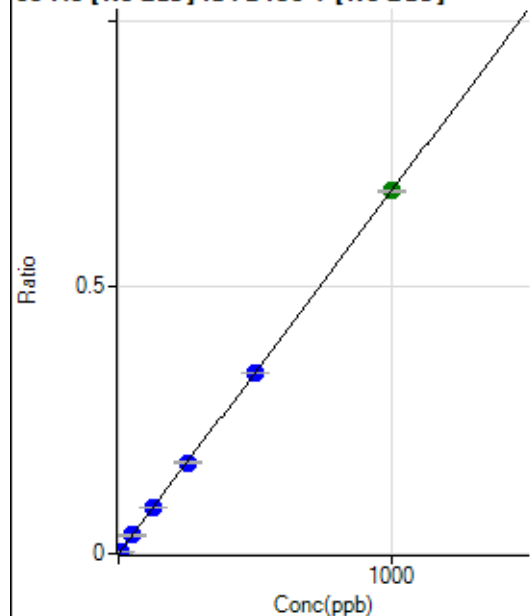
$$DL = 0.008773$$

$$BEC = 0.02167$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.00      | 0.0000 | P    | 19.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.399      | 28122.85   | 0.0030 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.425     | 324540.40  | 0.0343 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 125.003    | 811969.75  | 0.0850 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 251.134    | 1628501.65 | 0.1708 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 498.782    | 3191978.54 | 0.3393 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.307   | 6461808.09 | 0.6804 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 9853.86    | 0.0011 | P    | 5.4  |

$$y = 6.8016E-004 * x + 8.1743E-006$$

$$R = 1.0000$$

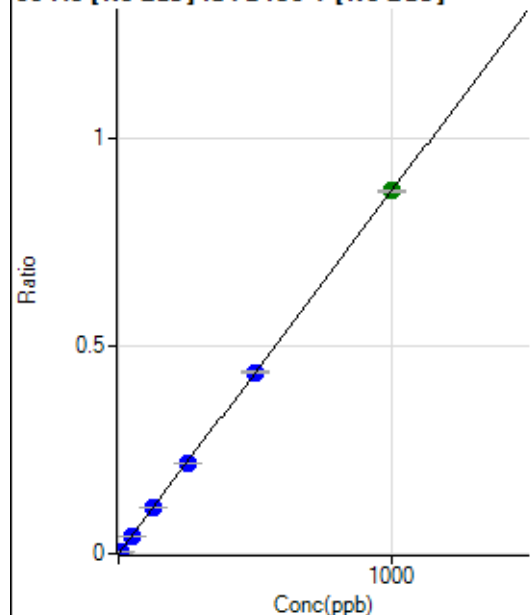
$$DL = 0.007002$$

$$BEC = 0.01202$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 130.56     | 0.0000 | P    | 24.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.838      | 31605.49   | 0.0034 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 50.039     | 414222.91  | 0.0438 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.591    | 1049219.41 | 0.1099 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.812    | 2083404.17 | 0.2185 | P    | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 498.873    | 4105911.68 | 0.4364 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.541   | 8312366.33 | 0.8752 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 18376.39   | 0.0020 | P    | 3.5  |

$$y = 8.7475\text{E-}004 * x + 1.4229\text{E-}005$$

$$R = 1.0000$$

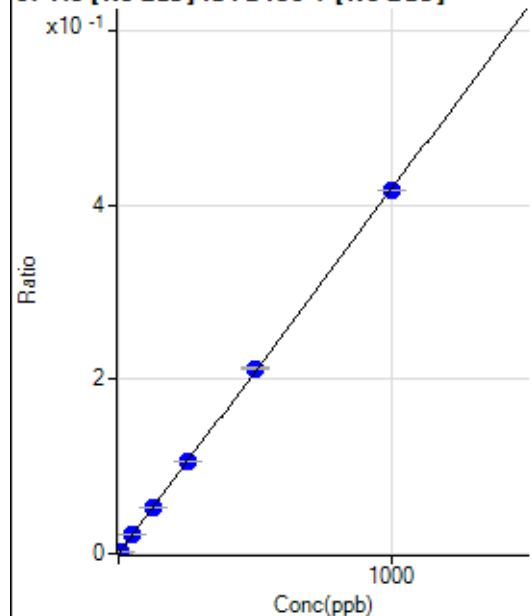
$$DL = 0.01184$$

$$BEC = 0.01627$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67      | 0.0000 | P    | 20.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.517      | 17770.19   | 0.0019 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.892     | 201599.81  | 0.0213 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 126.710    | 506571.49  | 0.0530 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.946    | 1013540.09 | 0.1063 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 507.474    | 1998817.78 | 0.2124 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.021    | 3956171.27 | 0.4165 | P    | 0.0  |
| 9 | <input type="checkbox"/> |          |            | 6340.59    | 0.0007 | P    | 3.8  |

$$y = 4.1862\text{E-}004 * x + 4.5415\text{E-}006$$

$$R = 0.9999$$

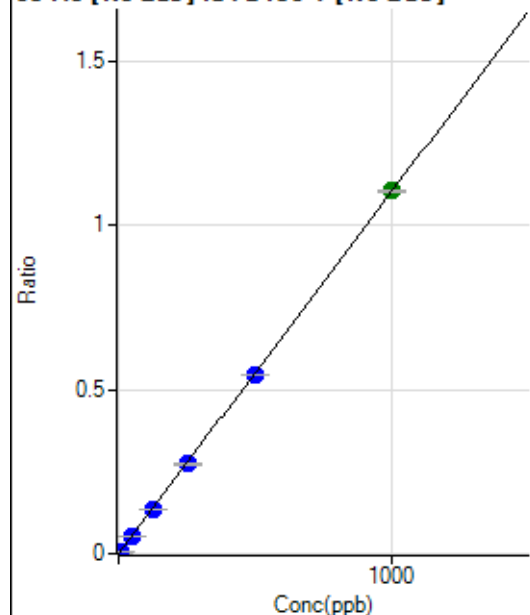
$$DL = 0.006579$$

$$BEC = 0.01085$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 105.56      | 0.0000 | P    | 32.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.361      | 45189.63    | 0.0048 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.786     | 519522.79   | 0.0549 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.714    | 1302969.15  | 0.1364 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 247.802    | 2605441.88  | 0.2733 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 495.121    | 5137437.27  | 0.5460 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.163   | 10507623.41 | 1.1063 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 15342.20    | 0.0017 | P    | 5.3  |

$$y = 0.0011 * x + 1.1499E-005$$

$$R = 1.0000$$

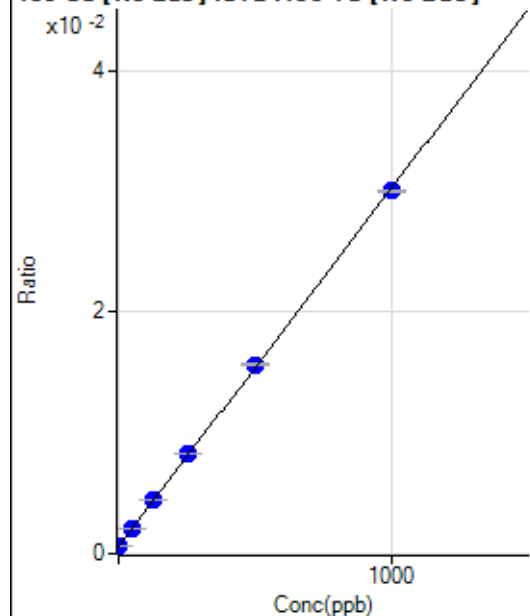
$$DL = 0.01026$$

$$BEC = 0.01043$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6649.10   | 0.0006 | P    | 3.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.509      | 7110.45   | 0.0006 | P    | 3.9 |
| 4 | <input type="checkbox"/> | 50.000   | 50.476     | 25061.91  | 0.0021 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 131.148    | 54687.51  | 0.0045 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 259.742    | 102485.87 | 0.0083 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 508.403    | 192604.68 | 0.0157 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.571    | 371181.84 | 0.0300 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 6023.80   | 0.0005 | P    | 2.8 |

$$y = 2.9640E-005 * x + 5.8878E-004$$

$$R = 0.9999$$

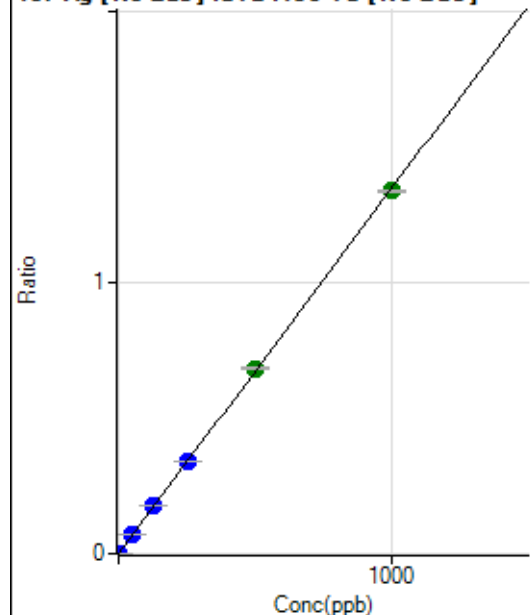
$$DL = 1.865$$

$$BEC = 19.86$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 155.56      | 0.0000 | P    | 15.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.239      | 19767.39    | 0.0017 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 53.452     | 863783.23   | 0.0719 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 131.061    | 2152487.83  | 0.1762 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.889    | 4237018.32  | 0.3426 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 507.907    | 8398022.41  | 0.6827 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.894    | 16524547.94 | 1.3360 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1919.67     | 0.0002 | P    | 10.4 |

$$y = 0.0013 * x + 1.3768E-005$$

$$R = 0.9999$$

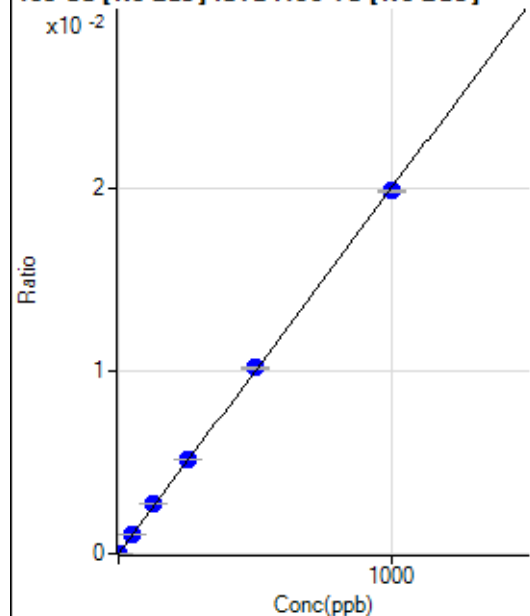
$$DL = 0.004846$$

$$BEC = 0.01024$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 16.67     | 0.0000 | P    | 24.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.974      | 247.23    | 0.0000 | P    | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 53.984     | 13025.69  | 0.0011 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 134.788    | 33027.68  | 0.0027 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 258.171    | 64015.00  | 0.0052 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 508.383    | 125371.89 | 0.0102 | P    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.343    | 246059.01 | 0.0199 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 70.84     | 0.0000 | P    | 41.0 |

$$y = 2.0045E-005 * x + 1.4744E-006$$

$$R = 0.9999$$

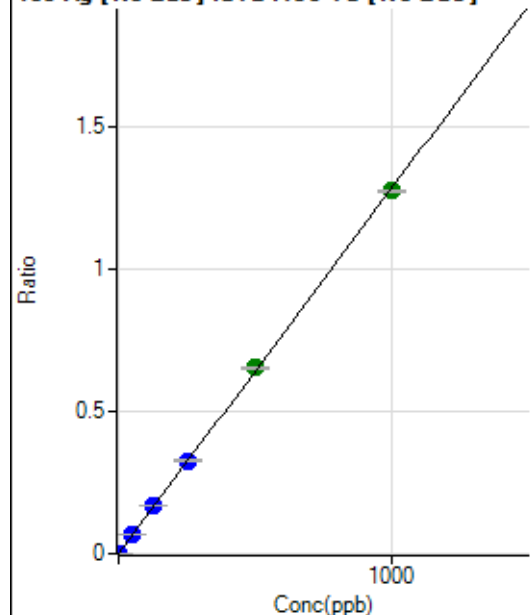
$$DL = 0.05377$$

$$BEC = 0.07355$$

Weight: &lt;None&gt;

Min Conc: 0

109 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      | 69.45       | 0.0000 | P    | 17.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.241      | 18816.11    | 0.0016 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 53.213     | 820683.93   | 0.0683 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 131.700    | 2064365.93  | 0.1690 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.907    | 4044206.17  | 0.3270 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 508.471    | 8024240.72  | 0.6523 | A    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.539    | 15765791.85 | 1.2746 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1839.10     | 0.0002 | P    | 11.3 |

$$y = 0.0013 * x + 6.1465E-006$$

$$R = 0.9999$$

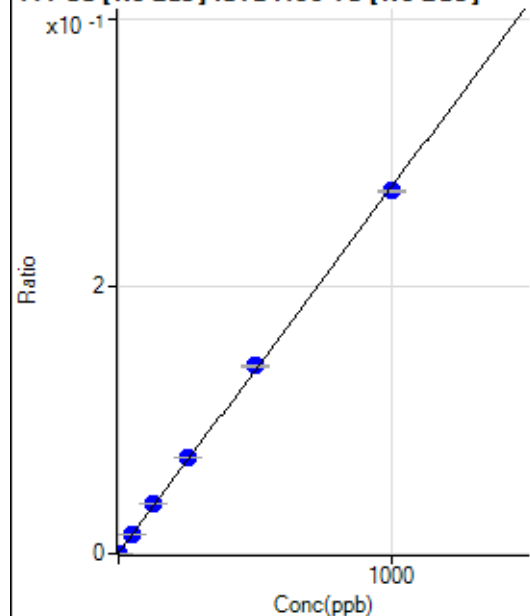
$$DL = 0.002554$$

$$BEC = 0.004791$$

Weight: &lt;None&gt;

Min Conc: 0

111 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      | 4649.65    | 0.0004 | P    | 3.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.914      | 7797.71    | 0.0007 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 53.440     | 181058.65  | 0.0151 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 133.427    | 451939.68  | 0.0370 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 260.400    | 887912.45  | 0.0718 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 512.556    | 1733547.11 | 0.1409 | P    | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.897    | 3361831.10 | 0.2718 | P    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 4775.44    | 0.0004 | P    | 2.6 |

$$y = 2.7415E-004 * x + 4.1173E-004$$

$$R = 0.9998$$

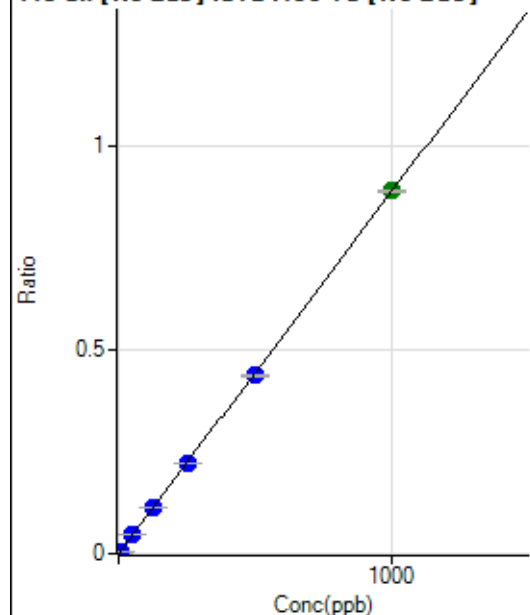
$$DL = 0.1362$$

$$BEC = 1.502$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1208.44     | 0.0001 | P   | 3.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.529      | 48490.58    | 0.0041 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.239     | 546791.75   | 0.0455 | P   | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 127.096    | 1376617.73  | 0.1127 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 250.458    | 2744476.69  | 0.2219 | P   | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 493.462    | 5377364.75  | 0.4372 | P   | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.833   | 10987313.27 | 0.8883 | A   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 10148.58    | 0.0009 | P   | 6.8 |

$$y = 8.8567E-004 * x + 1.0702E-004$$

$$R = 1.0000$$

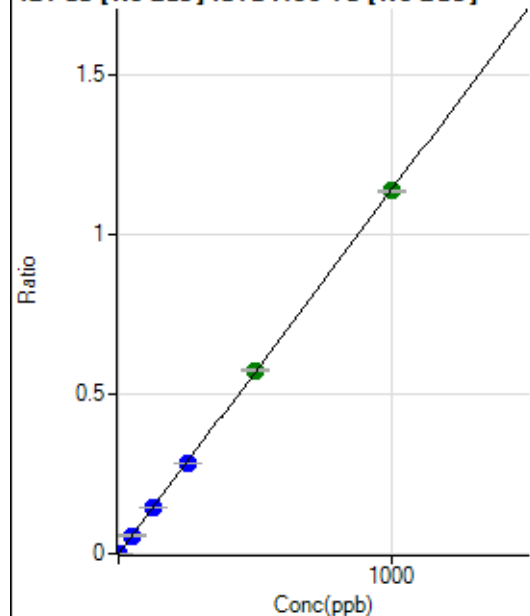
$$DL = 0.01115$$

$$BEC = 0.1208$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67       | 0.0000 | P   | 19.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.854      | 24864.62    | 0.0021 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.209     | 686377.43   | 0.0571 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.214    | 1753630.96  | 0.1435 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 249.187    | 3504299.47  | 0.2834 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 504.599    | 7058599.72  | 0.5738 | A   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.742    | 14033944.93 | 1.1346 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 47015.89    | 0.0041 | P   | 1.8  |

$$y = 0.0011 * x + 3.6904E-006$$

$$R = 1.0000$$

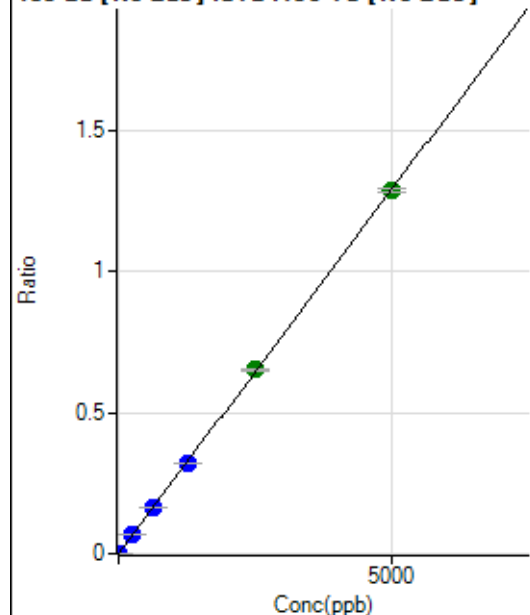
$$DL = 0.001942$$

$$BEC = 0.003245$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45       | 0.0000 | P        | 70.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.499      | 28889.23    | 0.0025 | P        | 3.4  |
| 4 | <input type="checkbox"/> | 250.000  | 257.752    | 799021.01   | 0.0665 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 635.627    | 2002748.11  | 0.1639 | P        | 0.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1251.910   | 3992487.37  | 0.3228 | P        | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2527.311   | 8017155.82  | 0.6517 | A        | 0.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4984.152   | 15897082.82 | 1.2853 | A        | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 4978.91     | 0.0004 | P        | 1.1  |

$$y = 2.5788\text{E-}004 * x + 3.9216\text{E-}006$$

$$R = 1.0000$$

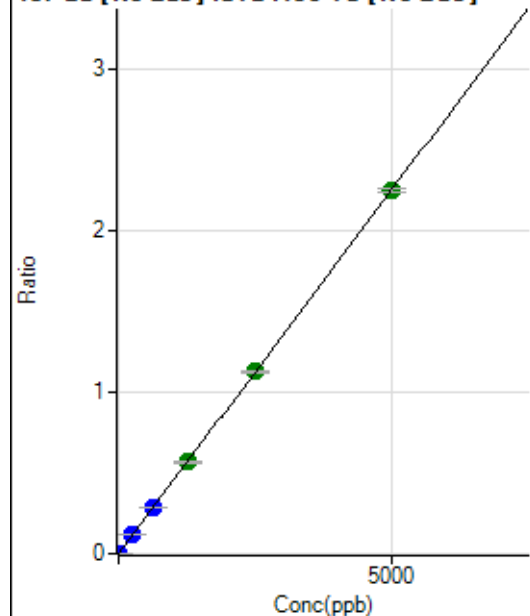
$$DL = 0.03229$$

$$BEC = 0.01521$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.23       | 0.0000 | P        | 16.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.177      | 48666.75    | 0.0041 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 256.568    | 1386922.65  | 0.1154 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 636.865    | 3499119.87  | 0.2864 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1261.258   | 7013919.43  | 0.5672 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2511.328   | 13891644.23 | 1.1293 | A        | 1.0  |
| 8 | <input type="checkbox"/> | 5000.000 | 4989.712   | 27752085.00 | 2.2438 | A        | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 8928.23     | 0.0008 | P        | 5.1  |

$$y = 4.4968\text{E-}004 * x + 6.3911\text{E-}006$$

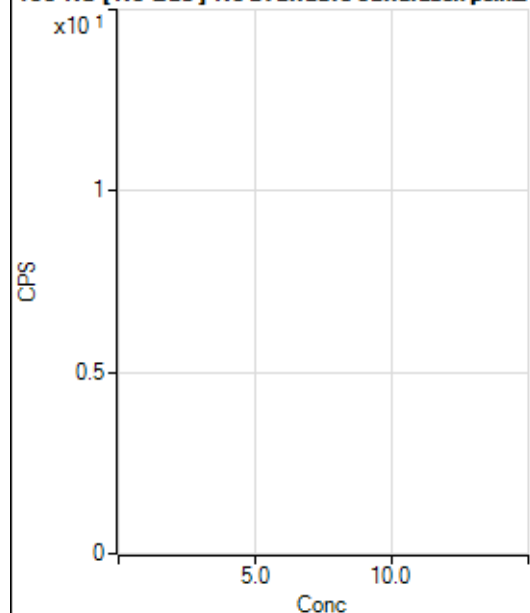
$$R = 1.0000$$

$$DL = 0.007221$$

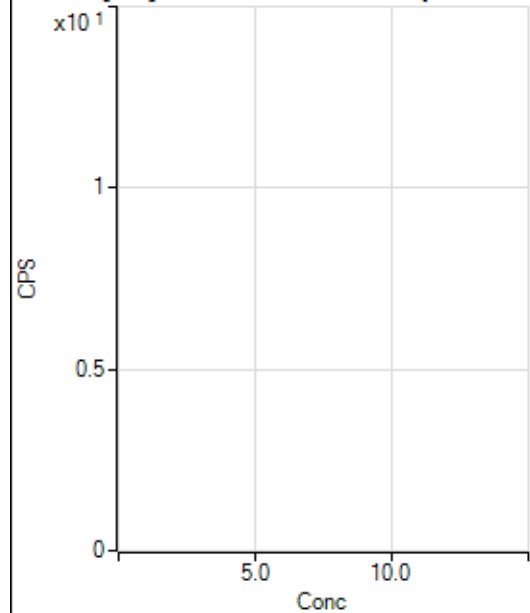
$$BEC = 0.01421$$

Weight: &lt;None&gt;

Min Conc: 0

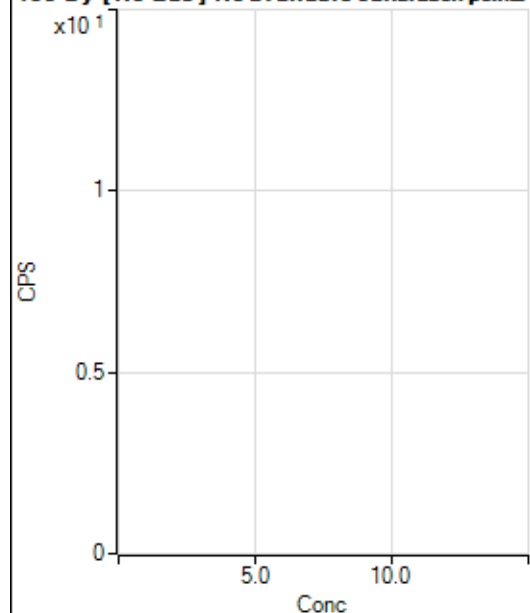
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45    |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |         |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.45    |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 66.67   |       | P        | 26.5 |
| 5 | <input type="checkbox"/> |       |            | 124.45  |       | P        | 8.2  |
| 6 | <input type="checkbox"/> |       |            | 246.68  |       | P        | 20.4 |
| 7 | <input type="checkbox"/> |       |            | 542.25  |       | P        | 23.1 |
| 8 | <input type="checkbox"/> |       |            | 1220.10 |       | P        | 7.1  |
| 9 | <input type="checkbox"/> |       |            | 100.01  |       | P        | 37.1 |

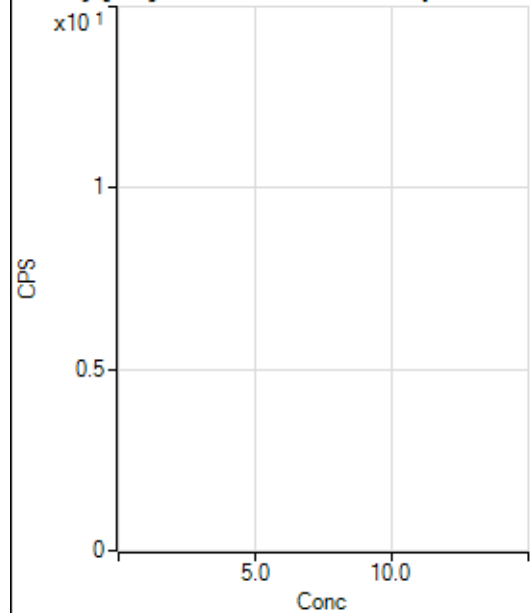
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 5 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 44.6 |
| 6 | <input type="checkbox"/> |       |            | 40.00  |       | P        | 50.7 |
| 7 | <input type="checkbox"/> |       |            | 74.44  |       | P        | 41.6 |
| 8 | <input type="checkbox"/> |       |            | 285.57 |       | P        | 7.0  |
| 9 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 14.4 |

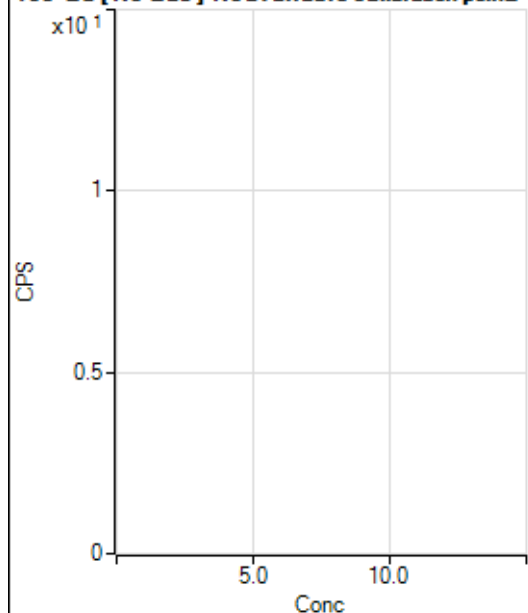


**156 Dy [ No Gas ] No available calibration points**

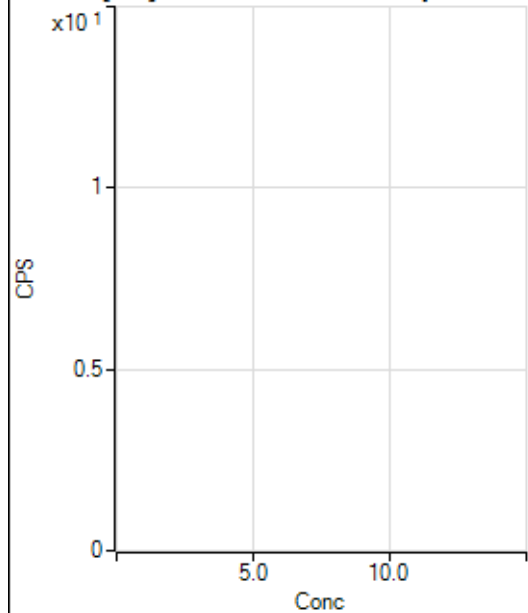
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 0.0  |
| 4 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 24.1 |
| 6 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 17.3 |
| 7 | <input type="checkbox"/> |       |            | 241.68 |       | P        | 13.8 |
| 8 | <input type="checkbox"/> |       |            | 533.38 |       | P        | 14.3 |
| 9 | <input type="checkbox"/> |       |            | 177.79 |       | P        | 17.7 |

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

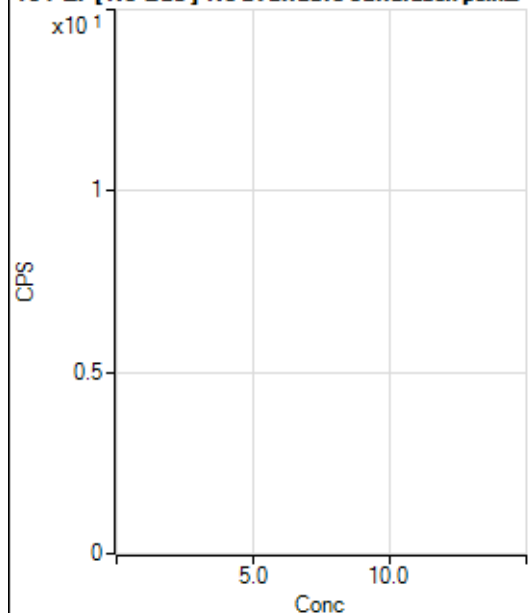
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 36.7 |
| 5 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 21.6 |
| 6 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 22.7 |
| 7 | <input type="checkbox"/> |       |            | 122.22 |       | P        | 16.0 |
| 8 | <input type="checkbox"/> |       |            | 334.46 |       | P        | 10.2 |
| 9 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 27.0 |

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

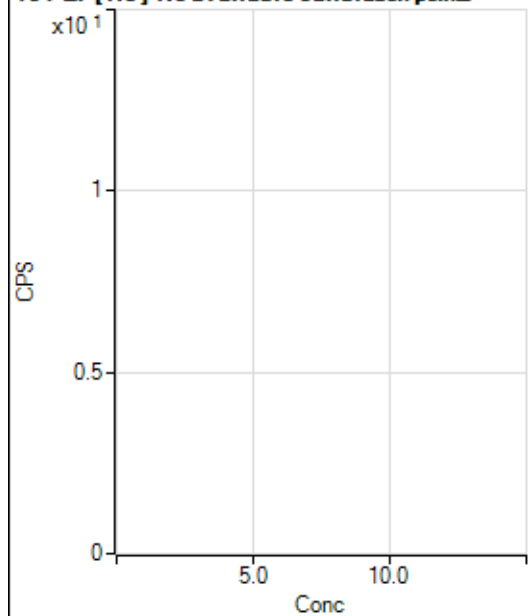
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 252.79 |       | P        | 11.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 222.23 |       | P        | 11.5 |
| 4 | <input type="checkbox"/> |       |            | 213.90 |       | P        | 9.8  |
| 5 | <input type="checkbox"/> |       |            | 272.24 |       | P        | 21.5 |
| 6 | <input type="checkbox"/> |       |            | 205.57 |       | P        | 6.2  |
| 7 | <input type="checkbox"/> |       |            | 316.68 |       | P        | 20.6 |
| 8 | <input type="checkbox"/> |       |            | 452.80 |       | P        | 7.0  |
| 9 | <input type="checkbox"/> |       |            | 236.12 |       | P        | 26.5 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 14.5 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 205.56 |       | P        | 8.0  |
| 4 | <input type="checkbox"/> |       |            | 198.90 |       | P        | 11.9 |
| 5 | <input type="checkbox"/> |       |            | 193.34 |       | P        | 10.5 |
| 6 | <input type="checkbox"/> |       |            | 226.67 |       | P        | 21.4 |
| 7 | <input type="checkbox"/> |       |            | 255.56 |       | P        | 13.3 |
| 8 | <input type="checkbox"/> |       |            | 361.12 |       | P        | 1.9  |
| 9 | <input type="checkbox"/> |       |            | 237.78 |       | P        | 16.9 |

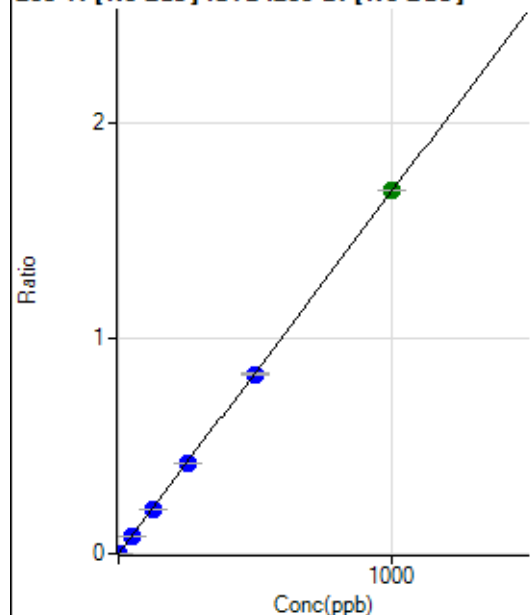
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 66.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 57.3 |
| 4 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 13.3 |
| 5 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 42.1 |
| 6 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 75.1 |
| 7 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 29.0 |
| 8 | <input type="checkbox"/> |       |            | 225.01 |       | P        | 9.8  |
| 9 | <input type="checkbox"/> |       |            | 61.12  |       | P        | 68.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 17.78  |       | P        | 28.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 44.44  |       | P        | 4.3  |
| 4 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 16.4 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 25.0 |
| 6 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 21.5 |
| 7 | <input type="checkbox"/> |       |            | 30.00  |       | P        | 11.1 |
| 8 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 21.0 |
| 9 | <input type="checkbox"/> |       |            | 34.44  |       | P        | 14.8 |

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      | 100.01      | 0.0000 | P    | 33.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.977      | 12536.97    | 0.0017 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 49.704     | 648064.24   | 0.0837 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 124.102    | 1627542.53  | 0.2089 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 249.383    | 3287762.29  | 0.4198 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 496.364    | 6507463.95  | 0.8356 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.099   | 13049939.53 | 1.6869 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 4787.20     | 0.0007 | P    | 14.6 |

$$y = 0.0017 * x + 1.4276E-005$$

$$R = 1.0000$$

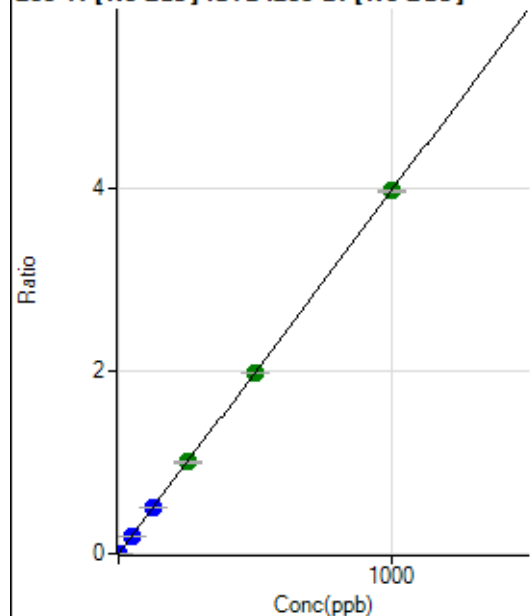
$$DL = 0.008444$$

$$BEC = 0.008481$$

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      | 225.02      | 0.0000 | P    | 19.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.949      | 28695.73    | 0.0038 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.784     | 1528956.05  | 0.1974 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.218    | 3868149.69  | 0.4965 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 252.190    | 7831109.38  | 1.0000 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.444    | 15423403.47 | 1.9804 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.714    | 30666502.42 | 3.9640 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 11324.86    | 0.0017 | P    | 9.0  |

$$y = 0.0040 * x + 3.2124E-005$$

$$R = 1.0000$$

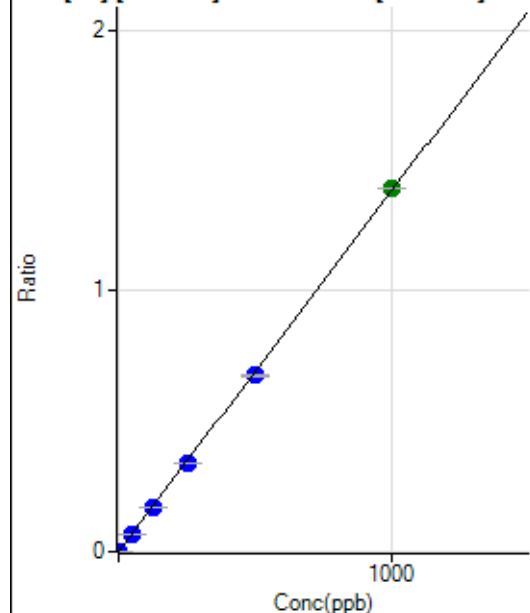
$$DL = 0.004691$$

$$BEC = 0.008102$$

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      | 1303.81     | 0.0002 | P    | 3.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.762      | 19811.47    | 0.0026 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 48.831     | 524102.03   | 0.0677 | P    | 0.5 |
| 5 | <input type="checkbox"/> | 125.000  | 122.738    | 1322976.95  | 0.1698 | P    | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 245.909    | 2663214.29  | 0.3401 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 489.351    | 5268634.84  | 0.6765 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.688   | 10765177.91 | 1.3916 | A    | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 18967.69    | 0.0028 | P    | 1.3 |

$$y = 0.0014 * x + 1.8621E-004$$

$$R = 0.9999$$

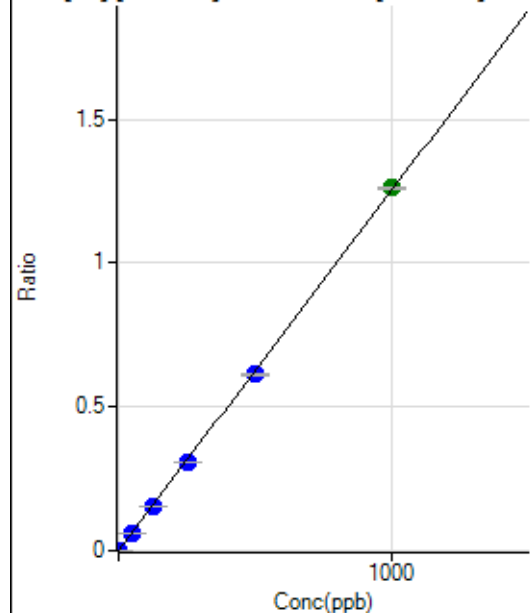
$$DL = 0.01321$$

$$BEC = 0.1347$$

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      | 1203.80    | 0.0002 | P    | 11.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.733      | 17699.24   | 0.0023 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.970     | 476261.63  | 0.0615 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.872    | 1200093.75 | 0.1541 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 245.387    | 2407980.29 | 0.3075 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 489.018    | 4770784.43 | 0.6126 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.961   | 9756733.43 | 1.2612 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 15811.64   | 0.0023 | P    | 1.6  |

$$y = 0.0013 * x + 1.7196E-004$$

$$R = 0.9999$$

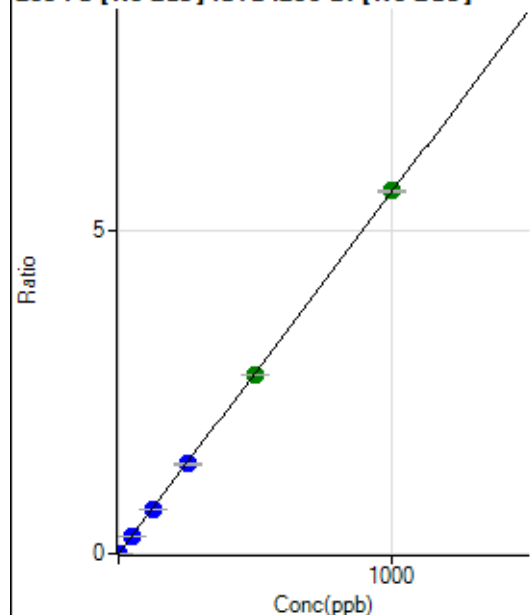
$$DL = 0.04825$$

$$BEC = 0.1373$$

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      | 5326.52     | 0.0008 | P   | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.752      | 79644.60    | 0.0105 | P   | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.386     | 2139959.59  | 0.2763 | P   | 0.1 |
| 5 | <input type="checkbox"/> | 125.000  | 124.090    | 5399896.69  | 0.6932 | P   | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 247.511    | 10821898.07 | 1.3818 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 493.993    | 21472410.61 | 2.7572 | A   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.770   | 43334606.99 | 5.6017 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 74912.48    | 0.0111 | P   | 0.1 |

$$y = 0.0056 * x + 7.6075E-004$$

$$R = 1.0000$$

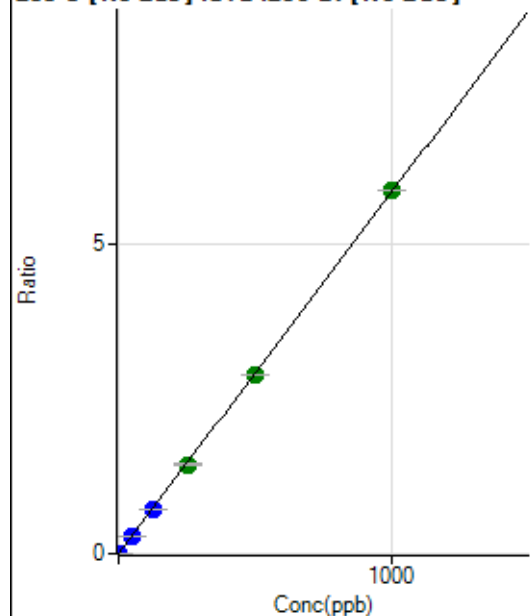
$$DL = 0.007634$$

$$BEC = 0.1363$$

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      | 141.68      | 0.0000 | P   | 26.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.886      | 39285.43    | 0.0052 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.490     | 2193320.88  | 0.2832 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 123.758    | 5630813.84  | 0.7228 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 246.760    | 11286700.17 | 1.4412 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 494.632    | 22498325.68 | 2.8888 | A   | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.725   | 45349613.86 | 5.8621 | A   | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 4195.33     | 0.0006 | P   | 11.4 |

$$y = 0.0058 * x + 2.0228E-005$$

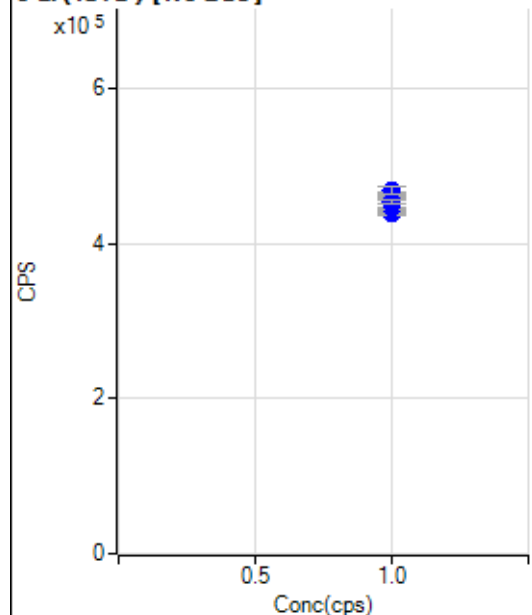
$$R = 1.0000$$

$$DL = 0.002788$$

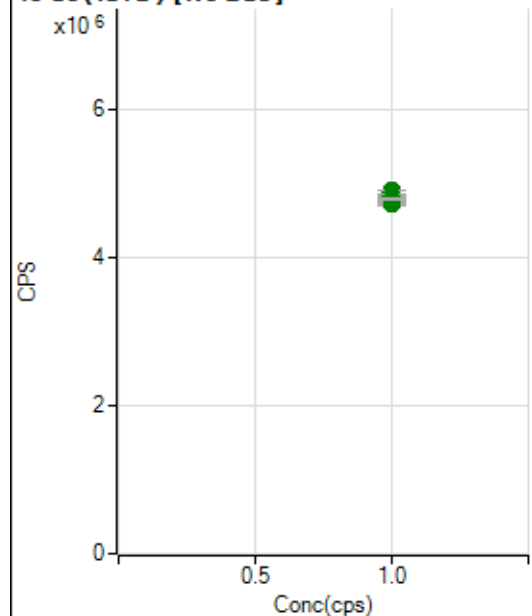
$$BEC = 0.003464$$

Weight: &lt;None&gt;

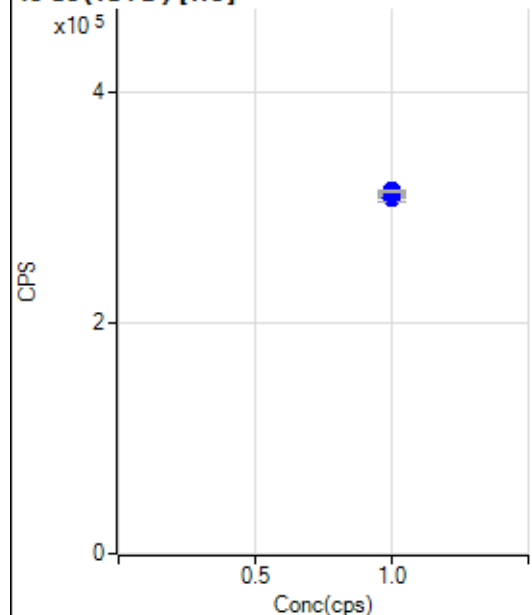
Min Conc: 0

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

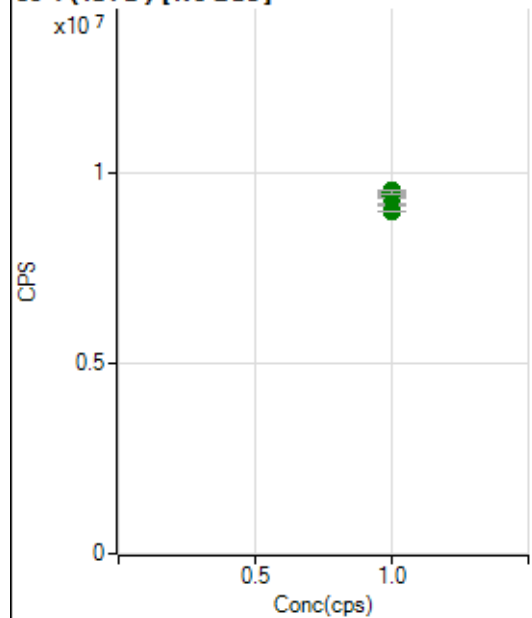
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 441040.45 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 438151.34 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 445606.69 |       | P        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 451885.74 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 464130.12 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 459223.15 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 454034.18 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 467895.75 |       | P        | 2.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4724120.33 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4773428.32 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4852637.52 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4909452.06 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4886774.81 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4815625.28 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4835171.29 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4790383.79 |       | A        | 0.5 |

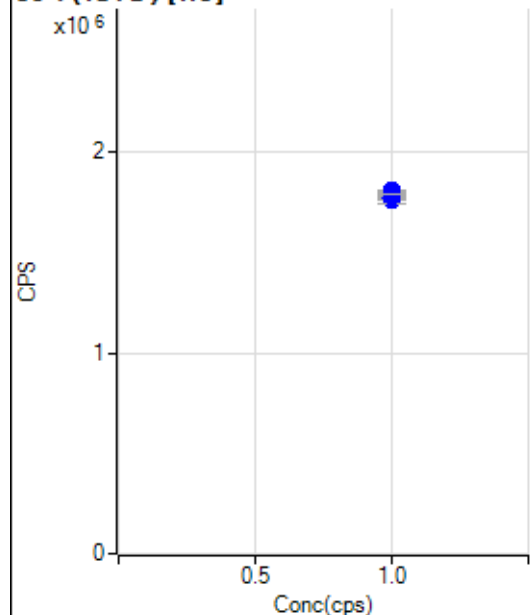
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 308394.83 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 308496.83 |       | P        | 2.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 310306.02 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 313819.57 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 311178.37 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 310522.38 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 313353.10 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 313292.95 |       | P        | 0.7 |

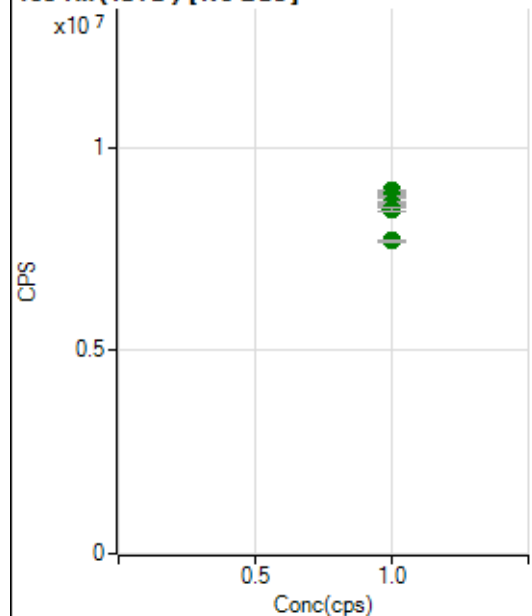
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9177402.02 |       | A        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9373727.64 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9460607.15 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9549272.84 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9534193.82 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9409033.61 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9497708.95 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9000202.09 |       | A        | 0.3 |

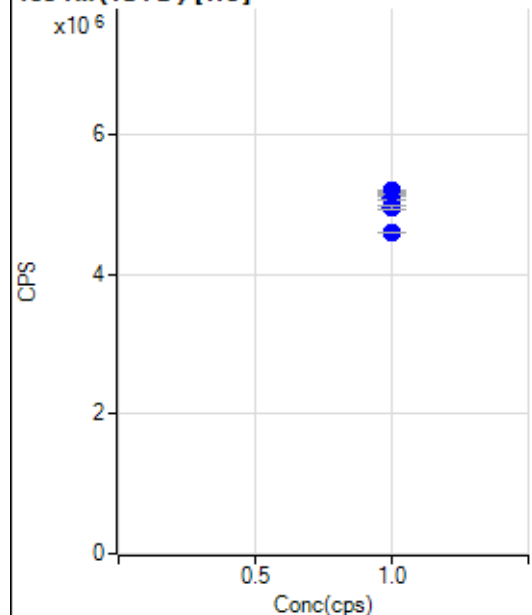


**89 Y (ISTD) [He]**

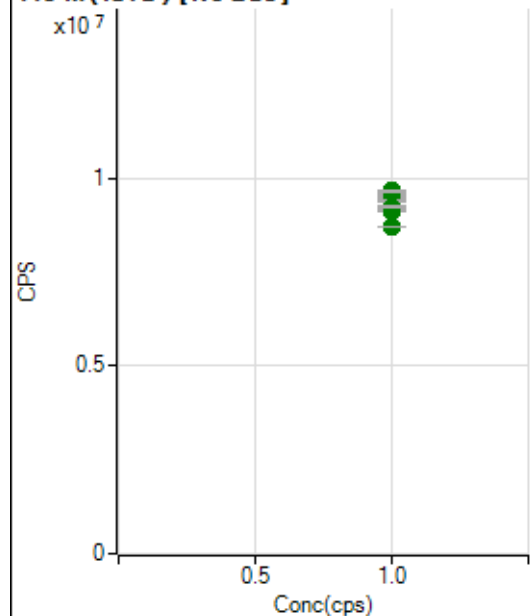
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1766629.24 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1768659.54 |       | P        | 2.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1792865.08 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1808122.59 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1792626.29 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1795318.58 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1786769.23 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1791283.91 |       | P        | 0.1 |

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

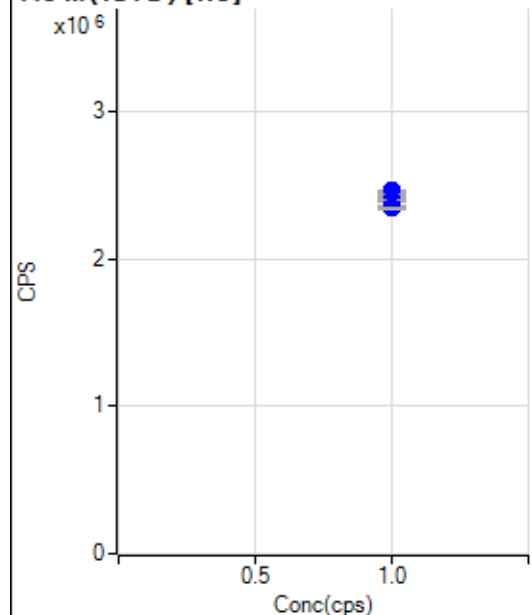
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8617980.83 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8800341.78 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8939081.71 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8819976.76 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8796348.11 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8643118.68 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8479383.00 |       | A        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7699444.79 |       | A        | 0.3 |

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

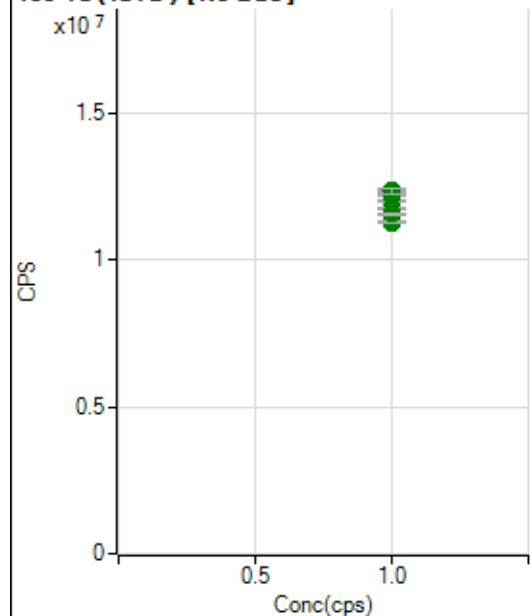
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5097681.00 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5118757.21 |       | P        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5165354.93 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5197465.90 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5139079.65 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5063852.70 |       | P        | 0.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4959479.58 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4605732.05 |       | P        | 0.2 |

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

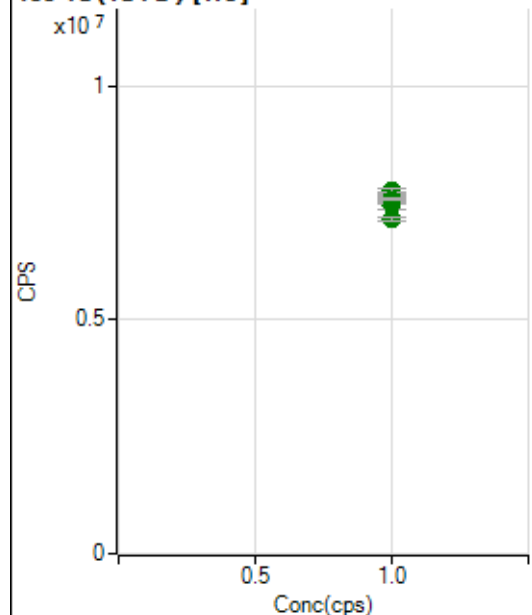
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 9140405.31 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9494528.05 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9546747.55 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 9655383.05 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9664253.13 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9398789.25 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 9237093.29 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8706202.87 |       | A        | 0.4 |

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

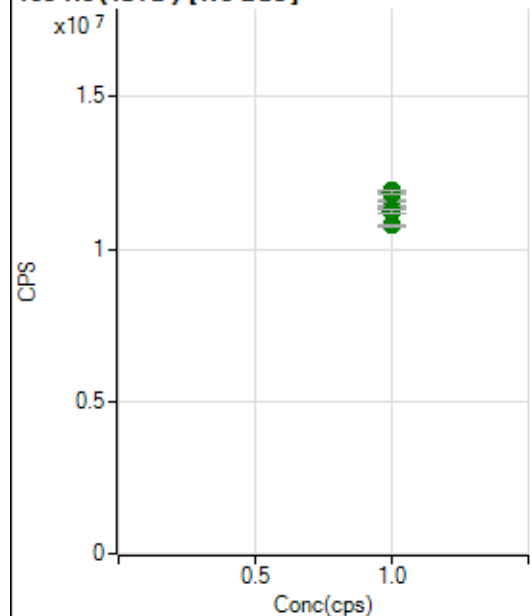
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2424641.64 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2428838.37 |       | P        | 2.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2446550.37 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2464526.10 |       | P        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2438567.70 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2401710.08 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2353191.54 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2348801.64 |       | P        | 0.4 |

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

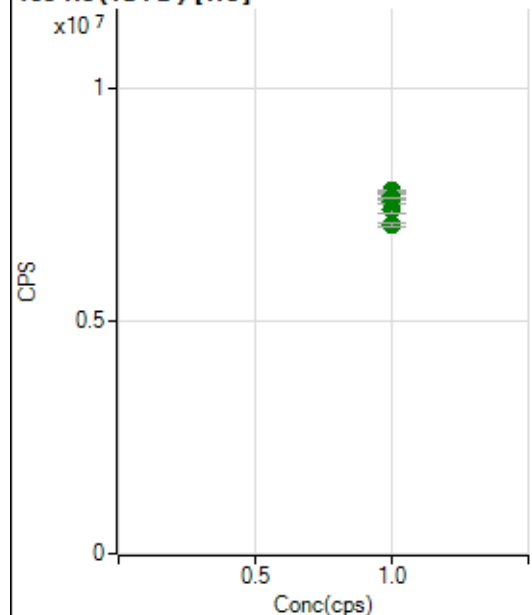
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11291384.97 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11774911.21 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12020510.10 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12217818.57 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12366433.98 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12301177.60 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12369338.29 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11573547.05 |       | A        | 0.3 |

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

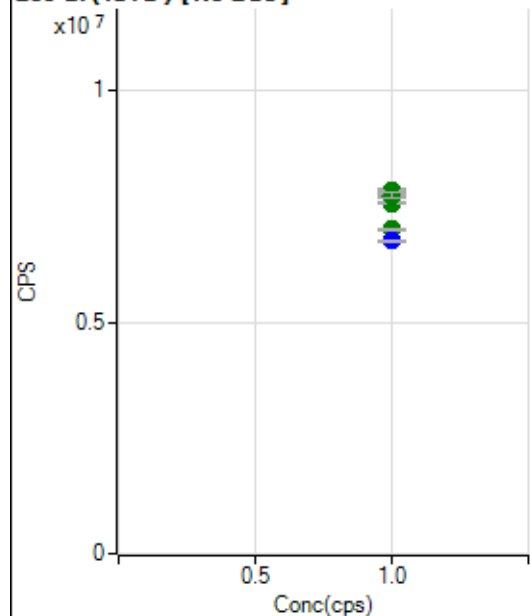
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7153337.12 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7455183.29 |       | A        | 2.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7504019.61 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7686284.75 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7726280.93 |       | A        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7734954.40 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7759426.83 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7581138.01 |       | A        | 0.5 |

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

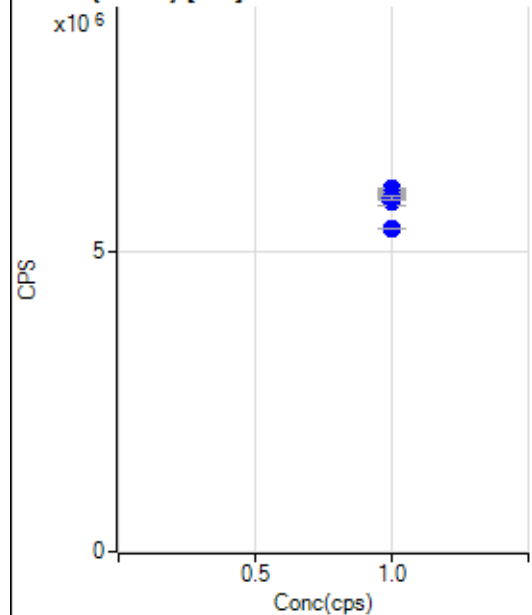
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10767626.02 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11370839.32 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11598163.71 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11821173.18 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11892424.66 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11911802.09 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 11887473.79 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11213033.76 |       | A        | 1.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7051469.76 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7400103.57 |       | A        | 2.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7570371.83 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7675141.21 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7750632.25 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7736127.45 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7792424.19 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7645731.07 |       | A        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7001975.94 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7558435.03 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7744291.13 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7790190.93 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7831965.44 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7788246.69 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7736096.14 |       | A        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6751010.53 |       | P        | 0.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5880826.65 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5839272.41 |       | P        | 3.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5973318.59 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6034876.23 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6036892.00 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5960677.41 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5891497.76 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5375952.63 |       | P        | 0.3 |

US EPA Tune Check Sample Report

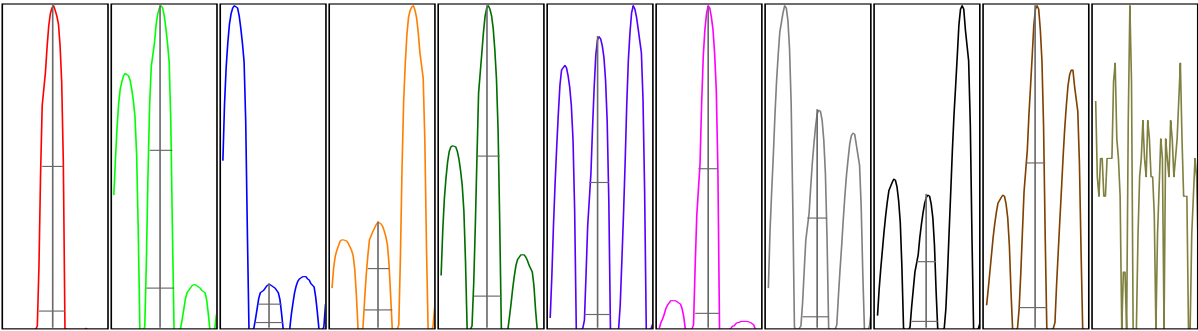
Batch Folder D:\ICP-MS Data\P7081417-ICPMS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 4654            | 0.77             | 5.00               |                |
| 24   | 54996           | 0.68             | 5.00               |                |
| 25   | 7785            | 0.53             | 5.00               |                |
| 26   | 9340            | 1.00             | 5.00               |                |
| 59   | 98490           | 0.67             | 5.00               |                |
| 113  | 13220           | 0.74             | 5.00               |                |
| 115  | 163805          | 0.61             | 5.00               |                |
| 206  | 37676           | 0.53             | 5.00               |                |
| 207  | 33794           | 0.68             | 5.00               |                |
| 208  | 80272           | 0.63             | 5.00               |                |
| 220  | 0               | 36.44            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 4595                 | 4645                 | 4670                 | 4683                 | 4675                 |
| 24   | 54669                | 54738                | 55540                | 55223                | 54813                |
| 25   | 7755                 | 7757                 | 7852                 | 7798                 | 7764                 |
| 26   | 9204                 | 9290                 | 9422                 | 9420                 | 9363                 |
| 59   | 98122                | 97658                | 98925                | 99329                | 98417                |
| 113  | 13133                | 13142                | 13365                | 13271                | 13190                |
| 115  | 164023               | 163524               | 164707               | 164549               | 162223               |
| 206  | 37642                | 37520                | 37866                | 37895                | 37456                |
| 207  | 33606                | 33587                | 34123                | 33928                | 33724                |
| 208  | 79954                | 80004                | 80202                | 81159                | 80041                |
| 220  | 0                    | 0                    | 0                    | 0                    | 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    | 7645           | 8.95             | 8.9 - 9.1          |                | 0.783                | 0.900                  |                        |
| 24   | 87862          | 23.90            | 23.9 - 24.1        |                | 0.800                | 0.900                  |                        |
| 25   | 12082          | 24.90            | 24.9 - 25.1        |                | 0.795                | 0.900                  |                        |
| 26   | 14414          | 25.90            | 25.9 - 26.1        |                | 0.788                | 0.900                  |                        |
| 59   | 164736         | 58.90            | 58.9 - 59.1        |                | 0.800                | 0.900                  |                        |
| 113  | 24929          | 112.95           | 112.9 - 113.1      |                | 0.738                | 0.900                  |                        |
| 115  | 304829         | 115.00           | 114.9 - 115.1      |                | 0.735                | 0.900                  |                        |
| 206  | 71313          | 206.00           | 205.9 - 206.1      |                | 0.774                | 0.900                  |                        |
| 207  | 63867          | 207.00           | 206.9 - 207.1      |                | 0.776                | 0.900                  |                        |
| 208  | 154015         | 208.00           | 207.9 - 208.1      |                | 0.787                | 0.900                  |                        |
| 220  |                |                  | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 11.6  | V    | Deflect       | 13.6  | V    |
| Extract 2     | -245.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -105   | V    | Cell Exit     | -50   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | No    |        | OctP Bias     | -8.0  | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 0.0   | mL/min | OctP RF       | 170   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 32902           | 0.59             |                    |
| 89   | 16959           | 0.91             |                    |
| 205  | 43698           | 0.69             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 32712                | 32683                | 32992                | 33116                | 33007                |
| 89   | 16755                | 16892                | 16954                | 17168                | 17026                |
| 205  | 43546                | 43464                | 43581                | 44219                | 43678                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 11.7  | V    | Deflect       | 1.8   | V    |
| Extract 2     | -245.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -120   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.02   | 0.25    | -0.22   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.16   | -0.02   | 0.18    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.05    | -0.05   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.02    | 0.61    | -0.63   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 1.11    | -0.51   | -0.61   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.15    | 0.11    | -0.25   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | 0.03    | -0.04   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.02    | -0.07   | 0.05    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.69   | 0.81    | -0.12   | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | 0.01    | -0.02   | 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  | -0.26   | 0.09    | 0.17    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.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    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -3.25   | -2.98   | 3.07    | -1.05      |         | ppb   |
| Potassium  | 39-2  | 2.49    | -3.50   | 1.02    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.18    | -0.09   | -0.09   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.24   | 0.15    | 0.09    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.07    | -0.25   | 0.18    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.01   | 0.50    | -0.49   | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.21   | 0.26    | -0.05   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -4.61   | 71.01   | 24.38   | 30.26      | 126.08  | 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 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.02   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 0.01    | -0.04   | 0.03    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.52   | 18.27   | 16.53   | 17.78      | 6.09    | ppb   |
| Antimony   | 121-1 | 1.88    | 1.86    | 1.82    | 1.85       | 1.79    | ppb   |
| Arsenic    | 75-2  | 0.98    | 0.96    | 0.98    | 0.97       | 1.05    | ppb   |
| Barium     | 135-1 | 9.16    | 9.81    | 9.53    | 9.50       | 3.45    | ppb   |
| Barium     | 137-1 | 9.02    | 9.28    | 9.23    | 9.18       | 1.50    | ppb   |
| Beryllium  | 9-1   | 0.93    | 0.79    | 1.01    | 0.91       | 12.20   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 22.53   | 21.14   | 20.31   | 21.33      | 5.24    | ppb   |
| Boron      | 11-1  | 22.58   | 21.49   | 22.39   | 22.15      | 2.63    | ppb   |
| Cadmium    | 111-1 | 0.94    | 0.86    | 0.94    | 0.91       | 5.33    | ppb   |
| Cadmium    | 106-1 | 0.56    | -0.31   | 1.27    | 0.51       | 155.30  | ppb   |
| Cadmium    | 108-1 | 0.93    | 0.95    | 1.04    | 0.97       | 5.95    | ppb   |
| Calcium    | 43-1  | 449.64  | 458.89  | 439.17  | 449.23     | 2.20    | ppb   |
| Calcium    | 44-1  | 457.55  | 449.82  | 456.76  | 454.71     | 0.94    | ppb   |
| Chromium   | 52-2  | 1.98    | 2.10    | 2.11    | 2.06       | 3.31    | ppb   |
| Cobalt     | 59-2  | 0.96    | 0.95    | 0.97    | 0.96       | 1.14    | ppb   |
| Copper     | 63-2  | 2.24    | 3.03    | 2.36    | 2.55       | 16.72   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 46.79   | 47.17   | 47.27   | 47.08      | 0.54    | ppb   |
| Iron       | 57-2  | 46.41   | 45.99   | 45.61   | 46.00      | 0.86    | ppb   |
| Lead       | 206-1 | 1.78    | 1.73    | 1.77    | 1.76       | 1.39    | ppb   |
| Lead       | 207-1 | 1.74    | 1.69    | 1.77    | 1.73       | 2.19    | ppb   |
| Lead       | 208-1 | 1.76    | 1.73    | 1.77    | 1.75       | 1.17    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 458.47  | 459.67  | 456.16  | 458.10     | 0.39    | ppb   |
| Manganese  | 55-2  | 0.99    | 0.96    | 1.01    | 0.99       | 2.49    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.88    | 1.95    | 1.85    | 1.89       | 2.54    | ppb   |
| Molybdenum | 95-1  | 4.44    | 4.28    | 4.47    | 4.40       | 2.34    | ppb   |
| Molybdenum | 96-1  | 3.88    | 3.85    | 3.79    | 3.84       | 1.17    | ppb   |
| Molybdenum | 97-1  | 4.42    | 4.46    | 4.67    | 4.52       | 3.01    | ppb   |
| Molybdenum | 98-1  | 4.41    | 4.35    | 4.33    | 4.36       | 1.00    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.00    | 2.28    | 1.05    | 1.44       | 50.26   | ppb   |
| Phosphorus | 31-2  | -4.25   | 6.11    | 1.29    | 1.05       | 492.15  | ppb   |
| Potassium  | 39-2  | 446.41  | 458.28  | 445.79  | 450.16     | 1.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 4.26    | 6.13    | 7.44    | 5.94       | 26.92   | ppb   |
| Selenium   | 78-2  | 5.33    | 4.12    | 4.32    | 4.59       | 14.11   | ppb   |
| Selenium   | 82-1  | 5.52    | 5.40    | 5.29    | 5.40       | 2.18    | ppb   |
| Silicon    | 28-1  | 6.88    | 7.42    | 7.16    | 7.15       | 3.79    | ppb   |
| Silver     | 109-1 | 1.22    | 1.25    | 1.25    | 1.24       | 1.66    | ppb   |
| Silver     | 107-1 | 1.22    | 1.28    | 1.22    | 1.24       | 2.77    | ppb   |
| Sodium     | 23-2  | 464.96  | 474.01  | 470.02  | 469.67     | 0.97    | ppb   |
| Strontium  | 86-1  | 0.93    | 0.95    | 0.94    | 0.94       | 1.15    | ppb   |
| Strontium  | 88-1  | 0.94    | 0.92    | 0.91    | 0.93       | 1.78    | ppb   |
| Sulfur     | 34-1  | -4.02   | -84.71  | -2.05   | -30.26     |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.99    | 0.95    | 0.99    | 0.98       | 2.03    | ppb   |
| Thallium   | 205-1 | 0.97    | 0.94    | 0.94    | 0.95       | 2.27    | ppb   |
| Tin        | 118-1 | 4.51    | 4.48    | 4.59    | 4.53       | 1.22    | ppb   |
| Titanium   | 47-1  | 4.26    | 4.35    | 4.66    | 4.42       | 4.74    | ppb   |
| Uranium    | 238-1 | 0.90    | 0.88    | 0.88    | 0.89       | 1.34    | ppb   |
| Vanadium   | 51-2  | 4.71    | 4.62    | 4.72    | 4.69       | 1.20    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 1.88    | 25.42   | 4.18    | 10.49      | 123.66  | ppb   |
| Zirconium  | 90-1  | 0.82    | 0.84    | 0.80    | 0.82       | 2.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.79    | 0.82    | 0.87    | 0.82       | 4.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:40:19 | DataFile Name :   | 006CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 993.17  | 968.06  | 983.61  | 981.62     | 1.29    | ppb   |
| Antimony   | 121-1 | 49.83   | 50.38   | 50.42   | 50.21      | 0.66    | ppb   |
| Arsenic    | 75-2  | 50.28   | 49.56   | 50.03   | 49.96      | 0.74    | ppb   |
| Barium     | 135-1 | 257.64  | 260.32  | 255.30  | 257.75     | 0.97    | ppb   |
| Barium     | 137-1 | 256.41  | 257.43  | 255.87  | 256.57     | 0.31    | ppb   |
| Beryllium  | 9-1   | 52.11   | 51.33   | 53.42   | 52.28      | 2.02    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 54.45   | 53.74   | 49.16   | 52.45      | 5.47    | ppb   |
| Boron      | 11-1  | 52.73   | 51.89   | 50.03   | 51.55      | 2.68    | ppb   |
| Cadmium    | 111-1 | 53.46   | 53.16   | 53.70   | 53.44      | 0.51    | ppb   |
| Cadmium    | 106-1 | 49.82   | 50.34   | 51.27   | 50.48      | 1.46    | ppb   |
| Cadmium    | 108-1 | 54.21   | 53.25   | 54.49   | 53.98      | 1.21    | ppb   |
| Calcium    | 43-1  | 5086.36 | 4992.31 | 5119.44 | 5066.04    | 1.30    | ppb   |
| Calcium    | 44-1  | 5126.38 | 5021.25 | 5105.78 | 5084.47    | 1.10    | ppb   |
| Chromium   | 52-2  | 52.04   | 52.88   | 52.19   | 52.37      | 0.85    | ppb   |
| Cobalt     | 59-2  | 52.50   | 52.92   | 52.80   | 52.74      | 0.41    | ppb   |
| Copper     | 63-2  | 106.38  | 106.73  | 106.91  | 106.67     | 0.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 2650.52 | 2674.38 | 2650.58 | 2658.49    | 0.52    | ppb   |
| Iron       | 57-2  | 2622.61 | 2635.56 | 2612.75 | 2623.64    | 0.44    | ppb   |
| Lead       | 206-1 | 48.88   | 49.07   | 48.54   | 48.83      | 0.54    | ppb   |
| Lead       | 207-1 | 49.24   | 49.26   | 48.41   | 48.97      | 0.99    | ppb   |
| Lead       | 208-1 | 49.40   | 49.42   | 49.33   | 49.39      | 0.09    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 5196.23 | 5214.40 | 5231.28 | 5213.97    | 0.34    | ppb   |
| Manganese  | 55-2  | 104.87  | 105.15  | 105.01  | 105.01     | 0.14    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:40:19 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 49.29   | 49.32   | 49.11   | 49.24      | 0.23    | ppb   |
| Molybdenum | 95-1  | 50.57   | 50.50   | 50.20   | 50.43      | 0.39    | ppb   |
| Molybdenum | 96-1  | 49.72   | 50.68   | 49.72   | 50.04      | 1.11    | ppb   |
| Molybdenum | 97-1  | 50.71   | 50.87   | 51.10   | 50.89      | 0.38    | ppb   |
| Molybdenum | 98-1  | 49.73   | 50.05   | 49.57   | 49.79      | 0.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 54.79   | 54.10   | 54.64   | 54.51      | 0.67    | ppb   |
| Phosphorus | 31-2  | 1045.19 | 1075.57 | 1072.30 | 1064.35    | 1.57    | ppb   |
| Potassium  | 39-2  | 2502.52 | 2512.11 | 2554.53 | 2523.05    | 1.10    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 49.70   | 48.35   | 51.68   | 49.91      | 3.36    | ppb   |
| Selenium   | 78-2  | 51.49   | 52.56   | 46.93   | 50.33      | 5.94    | ppb   |
| Selenium   | 82-1  | 52.87   | 52.48   | 53.82   | 53.06      | 1.29    | ppb   |
| Silicon    | 28-1  | 55.22   | 54.59   | 54.65   | 54.82      | 0.63    | ppb   |
| Silver     | 109-1 | 53.37   | 53.13   | 53.13   | 53.21      | 0.26    | ppb   |
| Silver     | 107-1 | 53.58   | 53.82   | 52.96   | 53.45      | 0.83    | ppb   |
| Sodium     | 23-2  | 5200.79 | 5236.06 | 5255.91 | 5230.92    | 0.53    | ppb   |
| Strontium  | 86-1  | 51.33   | 51.55   | 50.63   | 51.17      | 0.94    | ppb   |
| Strontium  | 88-1  | 50.60   | 50.42   | 50.08   | 50.37      | 0.53    | ppb   |
| Sulfur     | 34-1  | 1213.05 | 1025.81 | 1218.55 | 1152.47    | 9.52    | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 49.83   | 49.77   | 49.51   | 49.70      | 0.34    | ppb   |
| Thallium   | 205-1 | 49.64   | 50.15   | 49.56   | 49.78      | 0.64    | ppb   |
| Tin        | 118-1 | 51.19   | 51.21   | 51.32   | 51.24      | 0.14    | ppb   |
| Titanium   | 47-1  | 52.02   | 52.03   | 50.67   | 51.57      | 1.52    | ppb   |
| Uranium    | 238-1 | 48.10   | 48.78   | 48.59   | 48.49      | 0.73    | ppb   |
| Vanadium   | 51-2  | 51.53   | 51.44   | 50.84   | 51.27      | 0.73    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 104.35  | 104.23  | 104.71  | 104.43     | 0.24    | ppb   |
| Zirconium  | 90-1  | 49.13   | 49.34   | 48.80   | 49.09      | 0.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:40:19 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 50.50   | 50.64   | 49.61   | 50.25      | 1.11    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CALS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2448.77  | 2469.82  | 2436.27  | 2451.62    | 0.69    | ppb   |
| Antimony   | 121-1 | 125.83   | 126.57   | 126.25   | 126.21     | 0.29    | ppb   |
| Arsenic    | 75-2  | 127.45   | 126.43   | 128.20   | 127.36     | 0.70    | ppb   |
| Barium     | 135-1 | 635.58   | 635.50   | 635.80   | 635.63     | 0.02    | ppb   |
| Barium     | 137-1 | 638.08   | 634.58   | 637.94   | 636.86     | 0.31    | ppb   |
| Beryllium  | 9-1   | 132.77   | 132.13   | 130.19   | 131.69     | 1.02    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 123.03   | 125.70   | 127.38   | 125.37     | 1.75    | ppb   |
| Boron      | 11-1  | 128.92   | 123.99   | 127.81   | 126.91     | 2.04    | ppb   |
| Cadmium    | 111-1 | 133.90   | 133.51   | 132.87   | 133.43     | 0.39    | ppb   |
| Cadmium    | 106-1 | 130.06   | 130.98   | 132.40   | 131.15     | 0.90    | ppb   |
| Cadmium    | 108-1 | 135.41   | 135.57   | 133.39   | 134.79     | 0.90    | ppb   |
| Calcium    | 43-1  | 12560.28 | 12646.76 | 12630.89 | 12612.64   | 0.37    | ppb   |
| Calcium    | 44-1  | 12459.26 | 12588.52 | 12579.24 | 12542.34   | 0.57    | ppb   |
| Chromium   | 52-2  | 132.18   | 131.56   | 131.40   | 131.72     | 0.31    | ppb   |
| Cobalt     | 59-2  | 130.35   | 130.69   | 131.33   | 130.79     | 0.38    | ppb   |
| Copper     | 63-2  | 263.18   | 264.13   | 262.49   | 263.27     | 0.31    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 6677.98  | 6605.96  | 6624.23  | 6636.06    | 0.56    | ppb   |
| Iron       | 57-2  | 6585.23  | 6538.54  | 6525.50  | 6549.76    | 0.48    | ppb   |
| Lead       | 206-1 | 122.84   | 122.49   | 122.89   | 122.74     | 0.18    | ppb   |
| Lead       | 207-1 | 122.91   | 122.55   | 123.16   | 122.87     | 0.25    | ppb   |
| Lead       | 208-1 | 124.28   | 123.69   | 124.29   | 124.09     | 0.28    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 12841.61 | 12983.66 | 12902.40 | 12909.22   | 0.55    | ppb   |
| Manganese  | 55-2  | 264.93   | 262.37   | 262.05   | 263.12     | 0.60    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 124.26   | 123.90   | 124.23   | 124.13     | 0.16    | ppb   |
| Molybdenum | 95-1  | 125.18   | 124.30   | 125.52   | 125.00     | 0.50    | ppb   |
| Molybdenum | 96-1  | 126.10   | 124.38   | 126.29   | 125.59     | 0.84    | ppb   |
| Molybdenum | 97-1  | 126.14   | 127.17   | 126.82   | 126.71     | 0.41    | ppb   |
| Molybdenum | 98-1  | 122.60   | 124.03   | 124.51   | 123.71     | 0.80    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 134.24   | 134.78   | 134.47   | 134.49     | 0.20    | ppb   |
| Phosphorus | 31-2  | 2519.87  | 2663.26  | 2592.43  | 2591.85    | 2.77    | ppb   |
| Potassium  | 39-2  | 6277.75  | 6323.29  | 6298.88  | 6299.97    | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 124.31   | 129.65   | 129.48   | 127.81     | 2.38    | ppb   |
| Selenium   | 78-2  | 131.82   | 131.90   | 131.63   | 131.79     | 0.10    | ppb   |
| Selenium   | 82-1  | 130.58   | 130.01   | 131.31   | 130.63     | 0.50    | ppb   |
| Silicon    | 28-1  | 139.53   | 141.10   | 143.90   | 141.51     | 1.56    | ppb   |
| Silver     | 109-1 | 132.65   | 131.42   | 131.03   | 131.70     | 0.65    | ppb   |
| Silver     | 107-1 | 132.02   | 130.67   | 130.49   | 131.06     | 0.64    | ppb   |
| Sodium     | 23-2  | 12917.44 | 13017.15 | 12817.86 | 12917.49   | 0.77    | ppb   |
| Strontium  | 86-1  | 128.90   | 128.91   | 127.95   | 128.59     | 0.43    | ppb   |
| Strontium  | 88-1  | 125.19   | 126.31   | 125.84   | 125.78     | 0.45    | ppb   |
| Sulfur     | 34-1  | 2826.09  | 2725.45  | 2615.79  | 2722.44    | 3.86    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 124.43   | 123.09   | 124.79   | 124.10     | 0.72    | ppb   |
| Thallium   | 205-1 | 125.10   | 124.86   | 125.69   | 125.22     | 0.34    | ppb   |
| Tin        | 118-1 | 127.44   | 126.43   | 127.42   | 127.10     | 0.46    | ppb   |
| Titanium   | 47-1  | 127.25   | 129.47   | 128.81   | 128.51     | 0.89    | ppb   |
| Uranium    | 238-1 | 123.97   | 123.56   | 123.74   | 123.76     | 0.16    | ppb   |
| Vanadium   | 51-2  | 129.79   | 129.55   | 128.97   | 129.44     | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 257.23   | 261.53   | 260.66   | 259.81     | 0.88    | ppb   |
| Zirconium  | 90-1  | 125.09   | 124.78   | 124.52   | 124.80     | 0.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 126.49  | 126.80  | 126.52  | 126.60     | 0.14    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4842.50  | 4859.81  | 4870.49  | 4857.60    | 0.29    | ppb   |
| Antimony   | 121-1 | 248.37   | 250.85   | 248.33   | 249.19     | 0.58    | ppb   |
| Arsenic    | 75-2  | 253.52   | 254.60   | 250.63   | 252.92     | 0.81    | ppb   |
| Barium     | 135-1 | 1247.91  | 1257.56  | 1250.26  | 1251.91    | 0.40    | ppb   |
| Barium     | 137-1 | 1250.00  | 1261.45  | 1272.32  | 1261.26    | 0.88    | ppb   |
| Beryllium  | 9-1   | 256.08   | 254.97   | 256.37   | 255.81     | 0.29    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 247.78   | 255.31   | 258.77   | 253.95     | 2.21    | ppb   |
| Boron      | 11-1  | 246.43   | 246.92   | 251.55   | 248.30     | 1.14    | ppb   |
| Cadmium    | 111-1 | 261.02   | 260.13   | 260.04   | 260.40     | 0.21    | ppb   |
| Cadmium    | 106-1 | 259.35   | 259.48   | 260.40   | 259.74     | 0.22    | ppb   |
| Cadmium    | 108-1 | 259.06   | 258.80   | 256.65   | 258.17     | 0.51    | ppb   |
| Calcium    | 43-1  | 24776.10 | 24967.09 | 25214.50 | 24985.90   | 0.88    | ppb   |
| Calcium    | 44-1  | 24816.75 | 24638.07 | 25119.13 | 24857.98   | 0.98    | ppb   |
| Chromium   | 52-2  | 257.58   | 258.27   | 259.46   | 258.43     | 0.37    | ppb   |
| Cobalt     | 59-2  | 255.43   | 257.04   | 259.55   | 257.34     | 0.81    | ppb   |
| Copper     | 63-2  | 516.91   | 518.33   | 517.55   | 517.59     | 0.14    | 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  | 12956.56 | 13000.25 | 12953.43 | 12970.08   | 0.20    | ppb   |
| Iron       | 57-2  | 12906.59 | 12907.09 | 12910.76 | 12908.15   | 0.02    | ppb   |
| Lead       | 206-1 | 247.14   | 243.90   | 246.68   | 245.91     | 0.71    | ppb   |
| Lead       | 207-1 | 247.05   | 242.11   | 247.00   | 245.39     | 1.16    | ppb   |
| Lead       | 208-1 | 248.47   | 245.30   | 248.76   | 247.51     | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 25812.82 | 25612.33 | 25587.83 | 25670.99   | 0.48    | ppb   |
| Manganese  | 55-2  | 514.59   | 515.61   | 515.46   | 515.22     | 0.11    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 248.00   | 245.04   | 250.42   | 247.82     | 1.09    | ppb   |
| Molybdenum | 95-1  | 251.30   | 248.79   | 253.32   | 251.13     | 0.90    | ppb   |
| Molybdenum | 96-1  | 250.15   | 246.79   | 252.49   | 249.81     | 1.15    | ppb   |
| Molybdenum | 97-1  | 254.37   | 252.13   | 255.34   | 253.95     | 0.65    | ppb   |
| Molybdenum | 98-1  | 247.22   | 246.10   | 250.08   | 247.80     | 0.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 262.30   | 263.65   | 265.39   | 263.78     | 0.59    | ppb   |
| Phosphorus | 31-2  | 5027.16  | 5207.11  | 5183.51  | 5139.26    | 1.90    | ppb   |
| Potassium  | 39-2  | 12318.48 | 12308.58 | 12422.77 | 12349.94   | 0.51    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 261.11   | 254.83   | 255.95   | 257.30     | 1.30    | ppb   |
| Selenium   | 78-2  | 259.63   | 259.45   | 260.29   | 259.79     | 0.17    | ppb   |
| Selenium   | 82-1  | 256.56   | 256.52   | 263.12   | 258.74     | 1.47    | ppb   |
| Silicon    | 28-1  | 283.50   | 286.09   | 291.65   | 287.08     | 1.45    | ppb   |
| Silver     | 109-1 | 256.28   | 254.96   | 253.49   | 254.91     | 0.55    | ppb   |
| Silver     | 107-1 | 255.54   | 255.05   | 254.07   | 254.89     | 0.29    | ppb   |
| Sodium     | 23-2  | 25390.35 | 25570.08 | 25626.74 | 25529.06   | 0.48    | ppb   |
| Strontium  | 86-1  | 254.09   | 254.46   | 256.95   | 255.17     | 0.61    | ppb   |
| Strontium  | 88-1  | 248.86   | 248.98   | 253.36   | 250.40     | 1.02    | ppb   |
| Sulfur     | 34-1  | 5022.17  | 4851.32  | 4825.62  | 4899.70    | 2.18    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 250.27   | 246.93   | 250.95   | 249.38     | 0.86    | ppb   |
| Thallium   | 205-1 | 253.98   | 248.09   | 254.50   | 252.19     | 1.41    | ppb   |
| Tin        | 118-1 | 250.41   | 250.96   | 250.00   | 250.46     | 0.19    | ppb   |
| Titanium   | 47-1  | 254.62   | 251.56   | 257.76   | 254.65     | 1.22    | ppb   |
| Uranium    | 238-1 | 248.86   | 245.28   | 246.15   | 246.76     | 0.76    | ppb   |
| Vanadium   | 51-2  | 255.42   | 255.45   | 254.84   | 255.24     | 0.14    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 512.86   | 515.93   | 515.01   | 514.60     | 0.31    | ppb   |
| Zirconium  | 90-1  | 251.96   | 249.31   | 250.71   | 250.66     | 0.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 252.96  | 249.96  | 253.14  | 252.02     | 0.71    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:51:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9490.62  | 9654.19  | 9353.09  | 9499.30    | 1.59    | ppb   |
| Antimony   | 121-1 | 502.09   | 502.50   | 509.20   | 504.60     | 0.79    | ppb   |
| Arsenic    | 75-2  | 498.80   | 503.77   | 500.68   | 501.08     | 0.50    | ppb   |
| Barium     | 135-1 | 2527.71  | 2503.94  | 2550.28  | 2527.31    | 0.92    | ppb   |
| Barium     | 137-1 | 2503.11  | 2490.79  | 2540.09  | 2511.33    | 1.02    | ppb   |
| Beryllium  | 9-1   | 505.72   | 504.21   | 503.93   | 504.62     | 0.19    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 492.53   | 509.84   | 502.38   | 501.58     | 1.73    | ppb   |
| Boron      | 11-1  | 499.60   | 504.61   | 502.14   | 502.12     | 0.50    | ppb   |
| Cadmium    | 111-1 | 514.86   | 505.65   | 517.16   | 512.56     | 1.19    | ppb   |
| Cadmium    | 106-1 | 511.07   | 505.62   | 508.52   | 508.40     | 0.54    | ppb   |
| Cadmium    | 108-1 | 509.59   | 504.67   | 510.88   | 508.38     | 0.64    | ppb   |
| Calcium    | 43-1  | 49351.58 | 49742.68 | 49621.21 | 49571.82   | 0.40    | ppb   |
| Calcium    | 44-1  | 49624.42 | 49612.07 | 49617.41 | 49617.97   | 0.01    | ppb   |
| Chromium   | 52-2  | 507.25   | 515.96   | 509.28   | 510.83     | 0.89    | ppb   |
| Cobalt     | 59-2  | 502.28   | 503.69   | 499.94   | 501.97     | 0.38    | ppb   |
| Copper     | 63-2  | 999.47   | 1009.19  | 996.48   | 1001.71    | 0.66    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 25954.81 | 26022.41 | 25874.21 | 25950.48   | 0.29    | ppb   |
| Iron       | 57-2  | 25474.69 | 25466.18 | 25298.24 | 25413.04   | 0.39    | ppb   |
| Lead       | 206-1 | 494.64   | 487.49   | 485.92   | 489.35     | 0.95    | ppb   |
| Lead       | 207-1 | 492.34   | 489.02   | 485.69   | 489.02     | 0.68    | ppb   |
| Lead       | 208-1 | 497.57   | 493.68   | 490.73   | 493.99     | 0.69    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 50038.55 | 50780.66 | 49974.63 | 50264.62   | 0.89    | ppb   |
| Manganese  | 55-2  | 1013.03  | 1020.13  | 1013.77  | 1015.64    | 0.38    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:51:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 508.41   | 505.29   | 499.19   | 504.30     | 0.93    | ppb   |
| Molybdenum | 95-1  | 501.43   | 499.35   | 495.56   | 498.78     | 0.60    | ppb   |
| Molybdenum | 96-1  | 502.67   | 500.13   | 493.81   | 498.87     | 0.91    | ppb   |
| Molybdenum | 97-1  | 510.23   | 507.83   | 504.36   | 507.47     | 0.58    | ppb   |
| Molybdenum | 98-1  | 496.40   | 497.34   | 491.62   | 495.12     | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 512.58   | 518.57   | 512.07   | 514.41     | 0.70    | ppb   |
| Phosphorus | 31-2  | 9956.14  | 10254.98 | 10062.70 | 10091.27   | 1.50    | ppb   |
| Potassium  | 39-2  | 24596.75 | 24796.66 | 24752.14 | 24715.18   | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 512.05   | 504.74   | 503.52   | 506.77     | 0.91    | ppb   |
| Selenium   | 78-2  | 500.12   | 508.03   | 503.26   | 503.80     | 0.79    | ppb   |
| Selenium   | 82-1  | 511.81   | 517.81   | 508.61   | 512.74     | 0.91    | ppb   |
| Silicon    | 28-1  | 582.86   | 594.17   | 583.19   | 586.74     | 1.10    | ppb   |
| Silver     | 109-1 | 509.48   | 500.70   | 515.24   | 508.47     | 1.44    | ppb   |
| Silver     | 107-1 | 513.13   | 503.86   | 506.74   | 507.91     | 0.93    | ppb   |
| Sodium     | 23-2  | 49988.51 | 50889.65 | 50243.00 | 50373.72   | 0.92    | ppb   |
| Strontium  | 86-1  | 510.50   | 510.45   | 505.12   | 508.69     | 0.61    | ppb   |
| Strontium  | 88-1  | 507.27   | 506.60   | 502.50   | 505.46     | 0.51    | ppb   |
| Sulfur     | 34-1  | 9877.20  | 10139.77 | 9872.64  | 9963.20    | 1.53    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 499.08   | 494.69   | 495.33   | 496.36     | 0.48    | ppb   |
| Thallium   | 205-1 | 500.30   | 500.48   | 497.55   | 499.44     | 0.33    | ppb   |
| Tin        | 118-1 | 491.61   | 487.73   | 501.05   | 493.46     | 1.39    | ppb   |
| Titanium   | 47-1  | 500.57   | 508.16   | 502.22   | 503.65     | 0.79    | ppb   |
| Uranium    | 238-1 | 496.84   | 494.03   | 493.02   | 494.63     | 0.40    | ppb   |
| Vanadium   | 51-2  | 505.19   | 511.11   | 504.45   | 506.92     | 0.72    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1006.18  | 1015.97  | 1005.75  | 1009.30    | 0.57    | ppb   |
| Zirconium  | 90-1  | 501.34   | 506.15   | 499.38   | 502.29     | 0.69    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:51:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 504.90  | 508.92  | 500.05  | 504.62     | 0.88    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:55:02 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18713.77 | 18729.45 | 18664.16 | 18702.46   | 0.18    | ppb   |
| Antimony   | 121-1 | 997.56   | 1002.13  | 993.53   | 997.74     | 0.43    | ppb   |
| Arsenic    | 75-2  | 997.37   | 999.60   | 998.33   | 998.44     | 0.11    | ppb   |
| Barium     | 135-1 | 5015.15  | 5021.73  | 4915.58  | 4984.15    | 1.19    | ppb   |
| Barium     | 137-1 | 5028.75  | 5002.54  | 4937.84  | 4989.71    | 0.94    | ppb   |
| Beryllium  | 9-1   | 998.75   | 994.70   | 992.40   | 995.29     | 0.32    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 986.86   | 1009.03  | 998.54   | 998.14     | 1.11    | ppb   |
| Boron      | 11-1  | 990.57   | 999.41   | 1007.39  | 999.12     | 0.84    | ppb   |
| Cadmium    | 111-1 | 990.39   | 991.93   | 987.37   | 989.90     | 0.23    | ppb   |
| Cadmium    | 106-1 | 996.07   | 987.29   | 994.35   | 992.57     | 0.47    | ppb   |
| Cadmium    | 108-1 | 997.23   | 988.63   | 991.17   | 992.34     | 0.44    | ppb   |
| Calcium    | 43-1  | 97088.35 | 98423.36 | 97716.06 | 97742.59   | 0.68    | ppb   |
| Calcium    | 44-1  | 97687.96 | 99123.07 | 98174.95 | 98328.66   | 0.74    | ppb   |
| Chromium   | 52-2  | 984.73   | 1000.24  | 989.59   | 991.52     | 0.80    | ppb   |
| Cobalt     | 59-2  | 992.45   | 999.98   | 996.53   | 996.32     | 0.38    | ppb   |
| Copper     | 63-2  | 1970.31  | 2015.18  | 1992.76  | 1992.75    | 1.13    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 50844.69 | 51332.90 | 51139.36 | 51105.65   | 0.48    | ppb   |
| Iron       | 57-2  | 49690.53 | 50235.51 | 49700.12 | 49875.39   | 0.63    | ppb   |
| Lead       | 206-1 | 1008.27  | 1005.45  | 1006.34  | 1006.69    | 0.14    | ppb   |
| Lead       | 207-1 | 1008.95  | 1010.38  | 1001.55  | 1006.96    | 0.47    | ppb   |
| Lead       | 208-1 | 1007.18  | 1001.04  | 1003.09  | 1003.77    | 0.31    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 98054.43 | 99777.86 | 98294.88 | 98709.06   | 0.95    | ppb   |
| Manganese  | 55-2  | 1973.16  | 1996.46  | 1989.83  | 1986.48    | 0.60    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:55:02 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1006.06  | 996.00    | 993.61   | 998.56     | 0.66    | ppb   |
| Molybdenum | 95-1  | 1004.95  | 998.87    | 997.10   | 1000.31    | 0.41    | ppb   |
| Molybdenum | 96-1  | 1008.74  | 998.27    | 994.61   | 1000.54    | 0.73    | ppb   |
| Molybdenum | 97-1  | 994.95   | 994.59    | 995.52   | 995.02     | 0.05    | ppb   |
| Molybdenum | 98-1  | 1001.63  | 1000.55   | 1007.31  | 1003.16    | 0.36    | ppb   |
| Neodymium  | 150-1 |          |           |          |            |         | cps   |
| Neodymium  | 150-2 |          |           |          |            |         | cps   |
| Nickel     | 60-2  | 981.04   | 999.78    | 982.99   | 987.94     | 1.04    | ppb   |
| Phosphorus | 31-2  | 19877.15 | 19996.83  | 19840.58 | 19904.85   | 0.41    | ppb   |
| Potassium  | 39-2  | 48538.22 | 48663.48  | 48485.88 | 48562.53   | 0.19    | ppb   |
| Rhodium    | 103-1 |          |           |          |            |         | %     |
| Rhodium    | 103-2 |          |           |          |            |         | %     |
| Scandium   | 45-1  |          |           |          |            |         | %     |
| Scandium   | 45-2  |          |           |          |            |         | %     |
| Selenium   | 77-2  | 964.32   | 989.88    | 1029.11  | 994.44     | 3.28    | ppb   |
| Selenium   | 78-2  | 1002.91  | 991.69    | 989.77   | 994.79     | 0.71    | ppb   |
| Selenium   | 82-1  | 995.22   | 985.95    | 990.59   | 990.59     | 0.47    | ppb   |
| Silicon    | 28-1  | 942.22   | 948.73    | 944.30   | 945.08     | 0.35    | ppb   |
| Silver     | 109-1 | 1001.27  | 989.47    | 989.89   | 993.54     | 0.67    | ppb   |
| Silver     | 107-1 | 996.62   | 993.28    | 991.78   | 993.89     | 0.25    | ppb   |
| Sodium     | 23-2  | 98595.53 | 100258.97 | 99568.70 | 99474.40   | 0.84    | ppb   |
| Strontium  | 86-1  | 997.18   | 990.98    | 993.41   | 993.86     | 0.31    | ppb   |
| Strontium  | 88-1  | 1000.96  | 992.59    | 997.62   | 997.06     | 0.42    | ppb   |
| Sulfur     | 34-1  | 19996.70 | 20053.87  | 19973.56 | 20008.04   | 0.21    | ppb   |
| Terbium    | 159-1 |          |           |          |            |         | %     |
| Terbium    | 159-2 |          |           |          |            |         | %     |
| Thallium   | 203-1 | 1003.07  | 1002.10   | 1001.13  | 1002.10    | 0.10    | ppb   |
| Thallium   | 205-1 | 997.24   | 1001.76   | 1000.15  | 999.71     | 0.23    | ppb   |
| Tin        | 118-1 | 1004.56  | 1003.24   | 1000.70  | 1002.83    | 0.20    | ppb   |
| Titanium   | 47-1  | 994.82   | 1004.16   | 990.51   | 996.50     | 0.70    | ppb   |
| Uranium    | 238-1 | 1004.42  | 1003.88   | 1002.87  | 1003.72    | 0.08    | ppb   |
| Vanadium   | 51-2  | 985.81   | 997.94    | 1000.10  | 994.61     | 0.77    | ppb   |
| Yttrium    | 89-1  |          |           |          |            |         | %     |
| Yttrium    | 89-2  |          |           |          |            |         | %     |
| Zinc       | 66-2  | 1971.19  | 2009.28   | 1990.26  | 1990.24    | 0.96    | ppb   |
| Zirconium  | 90-1  | 1007.54  | 989.88    | 998.86   | 998.76     | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:55:02 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1004.82 | 991.36  | 994.73  | 996.97     | 0.70    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100662.80 | 100079.76 | 100211.72 | 100318.09  | 0.30    | ppb   |
| Antimony   | 121-1 | 3.64      | 3.53      | 3.53      | 3.57       | 1.82    | ppb   |
| Arsenic    | 75-2  | 0.49      | 0.44      | 0.48      | 0.47       | 5.37    | ppb   |
| Barium     | 135-1 | 1.67      | 1.63      | 1.66      | 1.65       | 1.09    | ppb   |
| Barium     | 137-1 | 1.75      | 1.75      | 1.60      | 1.70       | 5.15    | ppb   |
| Beryllium  | 9-1   | 0.14      | 0.11      | 0.13      | 0.13       | 11.54   | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 31.35     | 24.36     | 28.27     | 28.00      | 12.51   | ppb   |
| Boron      | 11-1  | 27.04     | 25.51     | 24.99     | 25.85      | 4.11    | ppb   |
| Cadmium    | 111-1 | 0.05      | -0.03     | 0.00      | 0.00       | 1229.68 | ppb   |
| Cadmium    | 106-1 | -1.92     | -2.86     | -2.13     | -2.30      |         | ppb   |
| Cadmium    | 108-1 | 0.37      | 0.18      | 0.14      | 0.23       | 53.99   | ppb   |
| Calcium    | 43-1  | 496113.12 | 504614.31 | 500747.31 | 500491.58  | 0.85    | ppb   |
| Calcium    | 44-1  | 496563.41 | 504808.63 | 499761.11 | 500377.72  | 0.83    | ppb   |
| Chromium   | 52-2  | 3.41      | 3.63      | 3.61      | 3.55       | 3.34    | ppb   |
| Cobalt     | 59-2  | 1.24      | 1.27      | 1.20      | 1.24       | 2.78    | ppb   |
| Copper     | 63-2  | 2.90      | 2.86      | 2.86      | 2.88       | 0.81    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 248027.61 | 251125.09 | 249794.55 | 249649.08  | 0.62    | ppb   |
| Iron       | 57-2  | 249106.94 | 248823.33 | 251933.17 | 249954.48  | 0.69    | ppb   |
| Lead       | 206-1 | 1.93      | 1.89      | 1.88      | 1.90       | 1.36    | ppb   |
| Lead       | 207-1 | 1.76      | 1.70      | 1.73      | 1.73       | 1.72    | ppb   |
| Lead       | 208-1 | 1.85      | 1.85      | 1.85      | 1.85       | 0.06    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 503689.38 | 498397.75 | 498470.41 | 500185.85  | 0.61    | ppb   |
| Manganese  | 55-2  | 5.69      | 5.57      | 5.40      | 5.56       | 2.67    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.69      | 0.72      | 0.68      | 0.70       | 2.85    | ppb   |
| Molybdenum | 95-1  | 1.68      | 1.60      | 1.51      | 1.60       | 5.45    | ppb   |
| Molybdenum | 96-1  | 2.36      | 2.37      | 2.22      | 2.32       | 3.55    | ppb   |
| Molybdenum | 97-1  | 1.72      | 1.70      | 1.60      | 1.67       | 3.84    | ppb   |
| Molybdenum | 98-1  | 1.63      | 1.52      | 1.46      | 1.54       | 5.38    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.33      | 2.45      | 2.44      | 2.41       | 2.72    | ppb   |
| Phosphorus | 31-2  | 2.85      | -4.37     | -0.85     | -0.79      |         | ppb   |
| Potassium  | 39-2  | 249957.49 | 250684.07 | 250324.74 | 250322.10  | 0.15    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 0.45      | 0.72      | 1.26      | 0.81       | 50.88   | ppb   |
| Selenium   | 78-2  | 0.52      | 0.16      | 0.51      | 0.39       | 52.02   | ppb   |
| Selenium   | 82-1  | 1.37      | 0.97      | 1.14      | 1.16       | 17.08   | ppb   |
| Silicon    | 28-1  | 32.79     | 35.75     | 36.46     | 35.00      | 5.56    | ppb   |
| Silver     | 109-1 | 0.12      | 0.13      | 0.10      | 0.12       | 11.77   | ppb   |
| Silver     | 107-1 | 0.13      | 0.10      | 0.11      | 0.11       | 11.33   | ppb   |
| Sodium     | 23-2  | 498792.50 | 499565.98 | 501727.26 | 500028.58  | 0.30    | ppb   |
| Strontium  | 86-1  | 34.80     | 35.24     | 34.23     | 34.75      | 1.46    | ppb   |
| Strontium  | 88-1  | 34.10     | 34.25     | 34.32     | 34.22      | 0.33    | ppb   |
| Sulfur     | 34-1  | -1075.67  | -1159.78  | -1202.24  | -1145.90   |         | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 0.48      | 0.37      | 0.38      | 0.41       | 14.94   | ppb   |
| Thallium   | 205-1 | 0.45      | 0.42      | 0.38      | 0.41       | 9.20    | ppb   |
| Tin        | 118-1 | 0.94      | 0.86      | 0.80      | 0.87       | 7.75    | ppb   |
| Titanium   | 47-1  | 0.67      | 0.57      | 0.57      | 0.60       | 9.38    | ppb   |
| Uranium    | 238-1 | 0.11      | 0.10      | 0.09      | 0.10       | 11.78   | ppb   |
| Vanadium   | 51-2  | 0.50      | 0.47      | 0.47      | 0.48       | 3.53    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 5.58      | 5.65      | 5.67      | 5.64       | 0.85    | ppb   |
| Zirconium  | 90-1  | 0.27      | 0.25      | 0.23      | 0.25       | 7.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.27    | 0.24    | 0.24    | 0.25       | 7.47    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 16:02:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 489.76  | 500.40  | 511.19  | 500.45     | 2.14    | ppb   |
| Antimony   | 121-1 | 189.50  | 188.47  | 190.22  | 189.40     | 0.47    | ppb   |
| Arsenic    | 75-2  | 193.95  | 196.07  | 196.30  | 195.44     | 0.66    | ppb   |
| Barium     | 135-1 | 99.13   | 97.75   | 97.65   | 98.18      | 0.84    | ppb   |
| Barium     | 137-1 | 98.50   | 98.43   | 98.90   | 98.61      | 0.25    | ppb   |
| Beryllium  | 9-1   | 94.28   | 94.82   | 94.52   | 94.54      | 0.28    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 493.93  | 490.39  | 503.66  | 495.99     | 1.39    | ppb   |
| Boron      | 11-1  | 478.64  | 490.93  | 494.04  | 487.87     | 1.67    | ppb   |
| Cadmium    | 111-1 | 104.98  | 104.57  | 105.03  | 104.86     | 0.24    | ppb   |
| Cadmium    | 106-1 | 169.14  | 167.84  | 167.45  | 168.14     | 0.53    | ppb   |
| Cadmium    | 108-1 | 145.74  | 143.99  | 140.10  | 143.28     | 2.02    | ppb   |
| Calcium    | 43-1  | 2265.51 | 2289.67 | 2195.49 | 2250.22    | 2.17    | ppb   |
| Calcium    | 44-1  | 2135.41 | 2131.99 | 2087.48 | 2118.29    | 1.26    | ppb   |
| Chromium   | 52-2  | 97.37   | 97.86   | 100.47  | 98.57      | 1.69    | ppb   |
| Cobalt     | 59-2  | 98.35   | 99.50   | 102.64  | 100.16     | 2.22    | ppb   |
| Copper     | 63-2  | 99.83   | 101.04  | 103.97  | 101.61     | 2.09    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 988.56  | 1001.82 | 1020.44 | 1003.60    | 1.60    | ppb   |
| Iron       | 57-2  | 989.89  | 1009.61 | 1034.02 | 1011.17    | 2.19    | ppb   |
| Lead       | 206-1 | 191.00  | 193.29  | 189.98  | 191.42     | 0.89    | ppb   |
| Lead       | 207-1 | 184.59  | 183.73  | 182.63  | 183.65     | 0.53    | ppb   |
| Lead       | 208-1 | 189.76  | 189.55  | 188.40  | 189.24     | 0.39    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1174.88 | 1173.26 | 1216.60 | 1188.25    | 2.07    | ppb   |
| Manganese  | 55-2  | 99.43   | 101.31  | 102.54  | 101.09     | 1.55    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 16:02:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 485.67   | 490.33   | 491.73   | 489.25     | 0.65    | ppb   |
| Molybdenum | 95-1  | 475.24   | 475.94   | 478.56   | 476.58     | 0.37    | ppb   |
| Molybdenum | 96-1  | 473.68   | 474.14   | 476.10   | 474.64     | 0.27    | ppb   |
| Molybdenum | 97-1  | 479.98   | 484.78   | 480.91   | 481.89     | 0.53    | ppb   |
| Molybdenum | 98-1  | 467.36   | 474.96   | 469.88   | 470.73     | 0.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 101.44   | 102.39   | 106.31   | 103.38     | 2.50    | ppb   |
| Phosphorus | 31-2  | -11.94   | -0.88    | -6.54    | -6.45      |         | ppb   |
| Potassium  | 39-2  | 1950.11  | 1974.99  | 2019.20  | 1981.43    | 1.77    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 211.31   | 198.67   | 186.12   | 198.70     | 6.34    | ppb   |
| Selenium   | 78-2  | 200.81   | 208.14   | 210.91   | 206.62     | 2.52    | ppb   |
| Selenium   | 82-1  | 198.78   | 199.03   | 198.92   | 198.91     | 0.06    | ppb   |
| Silicon    | 28-1  | 507.72   | 507.66   | 500.80   | 505.39     | 0.79    | ppb   |
| Silver     | 109-1 | 99.79    | 100.38   | 98.92    | 99.70      | 0.74    | ppb   |
| Silver     | 107-1 | 99.74    | 100.42   | 100.14   | 100.10     | 0.34    | ppb   |
| Sodium     | 23-2  | 1968.12  | 1995.01  | 2061.28  | 2008.13    | 2.39    | ppb   |
| Strontium  | 86-1  | 486.30   | 486.36   | 485.80   | 486.15     | 0.06    | ppb   |
| Strontium  | 88-1  | 491.62   | 491.65   | 492.43   | 491.90     | 0.09    | ppb   |
| Sulfur     | 34-1  | -1635.83 | -1655.21 | -1753.58 | -1681.54   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 195.29   | 196.15   | 195.81   | 195.75     | 0.22    | ppb   |
| Thallium   | 205-1 | 197.70   | 198.04   | 196.70   | 197.48     | 0.35    | ppb   |
| Tin        | 118-1 | 487.32   | 483.53   | 489.34   | 486.73     | 0.61    | ppb   |
| Titanium   | 47-1  | 483.69   | 486.35   | 479.73   | 483.26     | 0.69    | ppb   |
| Uranium    | 238-1 | 511.38   | 518.18   | 508.71   | 512.76     | 0.95    | ppb   |
| Vanadium   | 51-2  | 95.96    | 97.06    | 99.85    | 97.62      | 2.05    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 198.04   | 201.41   | 205.41   | 201.62     | 1.83    | ppb   |
| Zirconium  | 90-1  | 485.34   | 483.68   | 486.70   | 485.24     | 0.31    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 16:02:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 474.84  | 481.38  | 478.75  | 478.32     | 0.69    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:05:35 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.57    | 0.36    | 0.58    | 0.50       | 24.64   | ppb   |
| Antimony   | 121-1 | 1.01    | 0.99    | 0.89    | 0.96       | 6.59    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.12    | 0.10    | 0.11       | 9.92    | ppb   |
| Barium     | 135-1 | 0.01    | 0.04    | 0.02    | 0.02       | 54.85   | ppb   |
| Barium     | 137-1 | 0.02    | 0.03    | 0.01    | 0.02       | 50.01   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.05    | 0.03    | 0.03       | 83.86   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 15.06   | 13.42   | 12.35   | 13.61      | 10.05   | ppb   |
| Boron      | 11-1  | 13.40   | 12.37   | 12.58   | 12.78      | 4.27    | ppb   |
| Cadmium    | 111-1 | -0.26   | -0.16   | -0.23   | -0.22      |         | ppb   |
| Cadmium    | 106-1 | -3.70   | -2.41   | -3.27   | -3.13      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.06    | 0.08    | 0.06       | 27.46   | ppb   |
| Calcium    | 43-1  | -1.67   | -4.37   | -3.28   | -3.11      |         | ppb   |
| Calcium    | 44-1  | 5.40    | 2.84    | -1.03   | 2.40       | 134.70  | ppb   |
| Chromium   | 52-2  | 0.04    | 0.04    | 0.00    | 0.03       | 99.25   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 35.11   | ppb   |
| Copper     | 63-2  | 0.16    | 0.14    | 0.12    | 0.14       | 15.73   | 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  | 1.83    | 1.82    | 1.61    | 1.75       | 6.97    | ppb   |
| Iron       | 57-2  | 1.21    | 1.19    | 2.34    | 1.58       | 41.46   | ppb   |
| Lead       | 206-1 | 0.13    | 0.13    | 0.12    | 0.13       | 3.55    | ppb   |
| Lead       | 207-1 | 0.14    | 0.11    | 0.09    | 0.11       | 25.00   | ppb   |
| Lead       | 208-1 | 0.14    | 0.12    | 0.11    | 0.13       | 10.15   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 2.30    | 2.55    | 2.54    | 2.46       | 5.89    | ppb   |
| Manganese  | 55-2  | 0.02    | 0.00    | 0.02    | 0.01       | 69.59   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:05:35 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.16     | 0.18     | 0.14     | 0.16       | 11.09   | ppb   |
| Molybdenum | 95-1  | 0.44     | 0.38     | 0.40     | 0.40       | 7.32    | ppb   |
| Molybdenum | 96-1  | 0.38     | 0.38     | 0.31     | 0.36       | 10.18   | ppb   |
| Molybdenum | 97-1  | 0.42     | 0.39     | 0.40     | 0.40       | 4.00    | ppb   |
| Molybdenum | 98-1  | 0.42     | 0.38     | 0.38     | 0.39       | 6.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -10.77   | -10.49   | -9.67    | -10.31     |         | ppb   |
| Potassium  | 39-2  | 14.38    | 11.76    | 18.05    | 14.73      | 21.45   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.68     | -0.09    | 0.25       | 156.87  | ppb   |
| Selenium   | 78-2  | 0.30     | 0.73     | -0.51    | 0.17       | 362.43  | ppb   |
| Selenium   | 82-1  | 0.70     | 0.30     | 0.64     | 0.54       | 39.61   | ppb   |
| Silicon    | 28-1  | -6.42    | -7.77    | -7.75    | -7.31      |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.02     | 0.02       | 5.16    | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.02       | 20.47   | ppb   |
| Sodium     | 23-2  | 51.12    | 48.55    | 49.79    | 49.82      | 2.58    | ppb   |
| Strontium  | 86-1  | 0.03     | 0.02     | 0.01     | 0.02       | 38.85   | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.01     | 0.02       | 21.47   | ppb   |
| Sulfur     | 34-1  | -1637.17 | -1672.00 | -1804.91 | -1704.69   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.11     | 0.09     | 0.06     | 0.09       | 25.19   | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.07     | 0.08       | 12.55   | ppb   |
| Tin        | 118-1 | 0.54     | 0.48     | 0.43     | 0.48       | 11.58   | ppb   |
| Titanium   | 47-1  | 0.03     | -0.02    | 0.02     | 0.01       | 255.15  | ppb   |
| Uranium    | 238-1 | 0.05     | 0.03     | 0.03     | 0.03       | 33.08   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01     | 0.01     | 0.01       | 37.17   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.04     | 0.04     | 0.07     | 0.05       | 37.55   | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.07     | 0.06     | 0.07       | 12.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:05:35 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.04    | 0.05       | 25.48   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:09:02 DataFile Name : 014ICSA01.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 89185.48  | 89960.11  | 90333.22  | 89826.27   | 0.65    | ppb   |
| Antimony   | 121-1 | 1.51      | 1.43      | 1.39      | 1.44       | 4.28    | ppb   |
| Arsenic    | 75-2  | 0.39      | 0.34      | 0.35      | 0.36       | 7.56    | ppb   |
| Barium     | 135-1 | 1.58      | 1.42      | 1.50      | 1.50       | 5.54    | ppb   |
| Barium     | 137-1 | 1.44      | 1.39      | 1.52      | 1.45       | 4.78    | ppb   |
| Beryllium  | 9-1   | 0.32      | 0.29      | 0.34      | 0.32       | 9.13    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 9.33      | 9.37      | 10.36     | 9.68       | 6.04    | ppb   |
| Boron      | 11-1  | 10.27     | 10.14     | 9.27      | 9.89       | 5.51    | ppb   |
| Cadmium    | 111-1 | 0.13      | 0.15      | 0.07      | 0.12       | 33.04   | ppb   |
| Cadmium    | 106-1 | -3.81     | -3.30     | -4.22     | -3.78      |         | ppb   |
| Cadmium    | 108-1 | 10.56     | 11.05     | 11.09     | 10.90      | 2.71    | ppb   |
| Calcium    | 43-1  | 94232.32  | 94832.30  | 94194.72  | 94419.78   | 0.38    | ppb   |
| Calcium    | 44-1  | 96741.35  | 96682.52  | 96819.69  | 96747.86   | 0.07    | ppb   |
| Chromium   | 52-2  | 19.68     | 19.79     | 19.61     | 19.70      | 0.46    | ppb   |
| Cobalt     | 59-2  | 1.22      | 1.18      | 1.22      | 1.21       | 1.92    | ppb   |
| Copper     | 63-2  | 8.41      | 8.47      | 8.76      | 8.55       | 2.20    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 101798.05 | 100131.96 | 101458.64 | 101129.55  | 0.87    | ppb   |
| Iron       | 57-2  | 101146.96 | 101278.32 | 101410.53 | 101278.61  | 0.13    | ppb   |
| Lead       | 206-1 | 5.04      | 5.01      | 5.02      | 5.02       | 0.37    | ppb   |
| Lead       | 207-1 | 4.42      | 4.49      | 4.43      | 4.45       | 0.83    | ppb   |
| Lead       | 208-1 | 4.74      | 4.75      | 4.72      | 4.74       | 0.31    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 97288.74  | 97683.26  | 98711.50  | 97894.50   | 0.75    | ppb   |
| Manganese  | 55-2  | 8.05      | 7.85      | 8.04      | 7.98       | 1.40    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89506             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-14 16:09:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 575.99   | 586.90   | 574.85    | 579.25     | 1.15    | ppb   |
| Molybdenum | 95-1  | 1898.76  | 1922.59  | 1890.29   | 1903.88    | 0.88    | ppb   |
| Molybdenum | 96-1  | 1571.99  | 1609.85  | 1559.67   | 1580.50    | 1.65    | ppb   |
| Molybdenum | 97-1  | 1933.74  | 1964.78  | 1925.24   | 1941.25    | 1.07    | ppb   |
| Molybdenum | 98-1  | 1898.73  | 1929.58  | 1865.89   | 1898.07    | 1.68    | ppb   |
| Neodymium  | 150-1 |          |          |           |            |         | cps   |
| Neodymium  | 150-2 |          |          |           |            |         | cps   |
| Nickel     | 60-2  | 5.34     | 5.28     | 5.38      | 5.33       | 0.98    | ppb   |
| Phosphorus | 31-2  | 96436.47 | 95234.10 | 96472.64  | 96047.73   | 0.73    | ppb   |
| Potassium  | 39-2  | 98184.29 | 97505.31 | 98343.68  | 98011.09   | 0.45    | ppb   |
| Rhodium    | 103-1 |          |          |           |            |         | %     |
| Rhodium    | 103-2 |          |          |           |            |         | %     |
| Scandium   | 45-1  |          |          |           |            |         | %     |
| Scandium   | 45-2  |          |          |           |            |         | %     |
| Selenium   | 77-2  | 0.68     | -0.09    | 0.17      | 0.25       | 156.02  | ppb   |
| Selenium   | 78-2  | -0.07    | -0.06    | -0.09     | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.21     | 0.64     | 0.74      | 0.53       | 53.60   | ppb   |
| Silicon    | 28-1  | 11.99    | 12.22    | 11.59     | 11.93      | 2.66    | ppb   |
| Silver     | 109-1 | 0.07     | 0.09     | 0.10      | 0.08       | 16.92   | ppb   |
| Silver     | 107-1 | 0.07     | 0.10     | 0.09      | 0.08       | 17.98   | ppb   |
| Sodium     | 23-2  | 98718.80 | 98999.94 | 100093.22 | 99270.66   | 0.73    | ppb   |
| Strontium  | 86-1  | 32.78    | 32.77    | 31.91     | 32.48      | 1.54    | ppb   |
| Strontium  | 88-1  | 31.93    | 32.25    | 32.17     | 32.12      | 0.51    | ppb   |
| Sulfur     | 34-1  | 75676.52 | 76275.72 | 76285.17  | 76079.14   | 0.46    | ppb   |
| Terbium    | 159-1 |          |          |           |            |         | %     |
| Terbium    | 159-2 |          |          |           |            |         | %     |
| Thallium   | 203-1 | 0.16     | 0.16     | 0.17      | 0.16       | 4.11    | ppb   |
| Thallium   | 205-1 | 0.17     | 0.17     | 0.16      | 0.17       | 1.38    | ppb   |
| Tin        | 118-1 | 0.35     | 0.30     | 0.26      | 0.30       | 14.61   | ppb   |
| Titanium   | 47-1  | 1868.06  | 1874.00  | 1867.92   | 1869.99    | 0.19    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02      | 0.02       | 3.15    | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.17     | 0.16      | 0.16       | 3.10    | ppb   |
| Yttrium    | 89-1  |          |          |           |            |         | %     |
| Yttrium    | 89-2  |          |          |           |            |         | %     |
| Zinc       | 66-2  | 11.66    | 11.10    | 11.75     | 11.50      | 3.06    | ppb   |
| Zirconium  | 90-1  | 0.49     | 0.42     | 0.35      | 0.42       | 17.28   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89506             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-14 16:09:02 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.49    | 0.43    | 0.38    | 0.43       | 12.66   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 89189.12  | 89021.29  | 89680.72  | 89297.04   | 0.38    | ppb   |
| Antimony   | 121-1 | 20.49     | 20.31     | 20.24     | 20.35      | 0.62    | ppb   |
| Arsenic    | 75-2  | 19.55     | 19.56     | 19.50     | 19.54      | 0.16    | ppb   |
| Barium     | 135-1 | 20.86     | 21.49     | 20.64     | 21.00      | 2.10    | ppb   |
| Barium     | 137-1 | 21.35     | 21.38     | 20.71     | 21.15      | 1.79    | ppb   |
| Beryllium  | 9-1   | 19.93     | 19.25     | 19.76     | 19.65      | 1.81    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 55.30     | 58.02     | 55.18     | 56.17      | 2.86    | ppb   |
| Boron      | 11-1  | 55.51     | 56.42     | 57.07     | 56.33      | 1.39    | ppb   |
| Cadmium    | 111-1 | 20.21     | 19.98     | 19.82     | 20.00      | 0.99    | ppb   |
| Cadmium    | 106-1 | 20.86     | 20.22     | 19.76     | 20.28      | 2.72    | ppb   |
| Cadmium    | 108-1 | 32.81     | 31.72     | 31.02     | 31.85      | 2.82    | ppb   |
| Calcium    | 43-1  | 94443.47  | 94668.29  | 95308.00  | 94806.59   | 0.47    | ppb   |
| Calcium    | 44-1  | 97007.20  | 97051.42  | 97344.66  | 97134.43   | 0.19    | ppb   |
| Chromium   | 52-2  | 39.47     | 39.00     | 39.52     | 39.33      | 0.73    | ppb   |
| Cobalt     | 59-2  | 21.13     | 20.96     | 20.99     | 21.03      | 0.44    | ppb   |
| Copper     | 63-2  | 28.39     | 28.21     | 28.39     | 28.33      | 0.36    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           |            |         | %     |
| Holmium    | 165-2 |           |           |           |            |         | %     |
| Indium     | 115-1 |           |           |           |            |         | %     |
| Indium     | 115-2 |           |           |           |            |         | %     |
| Iron       | 56-2  | 100919.49 | 100167.68 | 100429.00 | 100505.39  | 0.38    | ppb   |
| Iron       | 57-2  | 100565.15 | 100628.59 | 100554.36 | 100582.70  | 0.04    | ppb   |
| Lead       | 206-1 | 24.25     | 24.45     | 24.42     | 24.37      | 0.45    | ppb   |
| Lead       | 207-1 | 22.53     | 22.50     | 22.74     | 22.59      | 0.58    | ppb   |
| Lead       | 208-1 | 23.44     | 23.51     | 23.54     | 23.50      | 0.21    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 97082.64  | 96539.09  | 97328.80  | 96983.51   | 0.42    | ppb   |
| Manganese  | 55-2  | 28.34     | 28.03     | 27.89     | 28.09      | 0.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 615.48   | 626.07   | 620.08   | 620.54     | 0.86    | ppb   |
| Molybdenum | 95-1  | 1899.48  | 1941.56  | 1943.99  | 1928.35    | 1.30    | ppb   |
| Molybdenum | 96-1  | 1603.82  | 1629.94  | 1609.86  | 1614.54    | 0.85    | ppb   |
| Molybdenum | 97-1  | 1978.57  | 1979.45  | 1967.28  | 1975.10    | 0.34    | ppb   |
| Molybdenum | 98-1  | 1927.06  | 1944.39  | 1927.35  | 1932.93    | 0.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.30    | 24.97    | 25.34    | 25.21      | 0.80    | ppb   |
| Phosphorus | 31-2  | 95678.18 | 95617.29 | 95802.65 | 95699.37   | 0.10    | ppb   |
| Potassium  | 39-2  | 98771.79 | 98179.43 | 97882.69 | 98277.97   | 0.46    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 16.27    | 18.82    | 19.22    | 18.11      | 8.84    | ppb   |
| Selenium   | 78-2  | 18.79    | 19.12    | 20.76    | 19.56      | 5.40    | ppb   |
| Selenium   | 82-1  | 19.57    | 20.07    | 19.59    | 19.74      | 1.45    | ppb   |
| Silicon    | 28-1  | 60.27    | 60.09    | 59.57    | 59.98      | 0.61    | ppb   |
| Silver     | 109-1 | 18.77    | 18.46    | 18.54    | 18.59      | 0.89    | ppb   |
| Silver     | 107-1 | 18.57    | 18.55    | 18.51    | 18.54      | 0.17    | ppb   |
| Sodium     | 23-2  | 99219.17 | 98169.30 | 99220.79 | 98869.75   | 0.61    | ppb   |
| Strontium  | 86-1  | 79.68    | 79.38    | 79.38    | 79.48      | 0.22    | ppb   |
| Strontium  | 88-1  | 77.79    | 78.16    | 77.75    | 77.90      | 0.29    | ppb   |
| Sulfur     | 34-1  | 74641.44 | 75598.33 | 76186.71 | 75475.50   | 1.03    | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 19.92    | 19.43    | 19.85    | 19.73      | 1.36    | ppb   |
| Thallium   | 205-1 | 20.10    | 19.85    | 20.17    | 20.04      | 0.85    | ppb   |
| Tin        | 118-1 | 48.18    | 48.16    | 47.89    | 48.08      | 0.34    | ppb   |
| Titanium   | 47-1  | 1897.44  | 1896.73  | 1906.29  | 1900.16    | 0.28    | ppb   |
| Uranium    | 238-1 | 47.76    | 47.64    | 48.34    | 47.91      | 0.79    | ppb   |
| Vanadium   | 51-2  | 19.91    | 19.82    | 19.88    | 19.87      | 0.23    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 30.52    | 30.53    | 30.61    | 30.55      | 0.16    | ppb   |
| Zirconium  | 90-1  | 46.21    | 46.71    | 46.74    | 46.55      | 0.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 46.78   | 47.77   | 47.83   | 47.46      | 1.25    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49811.57  | 50364.56  | 50406.61  | 50194.24   | 0.66    | ppb   |
| Antimony   | 121-1 | 498.81    | 504.20    | 506.90    | 503.30     | 0.82    | ppb   |
| Arsenic    | 75-2  | 497.57    | 498.47    | 499.50    | 498.51     | 0.19    | ppb   |
| Barium     | 135-1 | 2529.40   | 2565.27   | 2571.32   | 2555.33    | 0.89    | ppb   |
| Barium     | 137-1 | 2519.14   | 2548.68   | 2580.36   | 2549.39    | 1.20    | ppb   |
| Beryllium  | 9-1   | 513.84    | 526.08    | 510.84    | 516.92     | 1.56    | ppb   |
| Bismuth    | 209-1 |           |           |           |            |         | %     |
| Bismuth    | 209-2 |           |           |           |            |         | %     |
| Boron      | 10-1  | 512.84    | 538.71    | 518.67    | 523.41     | 2.59    | ppb   |
| Boron      | 11-1  | 520.88    | 536.32    | 520.87    | 526.02     | 1.69    | ppb   |
| Cadmium    | 111-1 | 481.91    | 488.00    | 488.67    | 486.19     | 0.77    | ppb   |
| Cadmium    | 106-1 | 486.34    | 481.35    | 488.84    | 485.51     | 0.79    | ppb   |
| Cadmium    | 108-1 | 482.27    | 493.93    | 490.41    | 488.87     | 1.22    | ppb   |
| Calcium    | 43-1  | 250807.98 | 249572.48 | 248922.18 | 249767.55  | 0.38    | ppb   |
| Calcium    | 44-1  | 250051.29 | 249750.66 | 248298.66 | 249366.87  | 0.38    | ppb   |
| Chromium   | 52-2  | 497.64    | 497.82    | 498.33    | 497.93     | 0.07    | ppb   |
| Cobalt     | 59-2  | 481.09    | 478.06    | 480.58    | 479.91     | 0.34    | ppb   |
| Copper     | 63-2  | 925.92    | 921.74    | 933.57    | 927.08     | 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  | 125558.84 | 125929.27 | 126052.65 | 125846.92  | 0.20    | ppb   |
| Iron       | 57-2  | 125042.67 | 124742.81 | 125601.16 | 125128.88  | 0.35    | ppb   |
| Lead       | 206-1 | 493.85    | 485.58    | 490.38    | 489.94     | 0.85    | ppb   |
| Lead       | 207-1 | 491.72    | 488.36    | 488.60    | 489.56     | 0.38    | ppb   |
| Lead       | 208-1 | 504.26    | 498.73    | 498.37    | 500.45     | 0.66    | ppb   |
| Lithium    | 6-1   |           |           |           |            |         | %     |
| Magnesium  | 24-2  | 252998.00 | 252314.72 | 253205.91 | 252839.55  | 0.18    | ppb   |
| Manganese  | 55-2  | 995.59    | 998.63    | 999.35    | 997.85     | 0.20    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 506.58    | 514.81    | 503.08    | 508.16     | 1.18    | ppb   |
| Molybdenum | 95-1  | 484.46    | 490.40    | 482.70    | 485.85     | 0.83    | ppb   |
| Molybdenum | 96-1  | 482.91    | 488.27    | 482.05    | 484.41     | 0.70    | ppb   |
| Molybdenum | 97-1  | 491.08    | 496.66    | 488.31    | 492.02     | 0.86    | ppb   |
| Molybdenum | 98-1  | 506.45    | 509.35    | 504.32    | 506.71     | 0.50    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 482.85    | 482.62    | 481.52    | 482.33     | 0.15    | ppb   |
| Phosphorus | 31-2  | 9986.13   | 10000.77  | 10036.62  | 10007.84   | 0.26    | ppb   |
| Potassium  | 39-2  | 125742.37 | 127817.38 | 127324.28 | 126961.34  | 0.85    | ppb   |
| Rhodium    | 103-1 |           |           |           |            |         | %     |
| Rhodium    | 103-2 |           |           |           |            |         | %     |
| Scandium   | 45-1  |           |           |           |            |         | %     |
| Scandium   | 45-2  |           |           |           |            |         | %     |
| Selenium   | 77-2  | 483.83    | 516.02    | 484.75    | 494.87     | 3.70    | ppb   |
| Selenium   | 78-2  | 511.38    | 492.60    | 498.24    | 500.74     | 1.92    | ppb   |
| Selenium   | 82-1  | 476.61    | 479.40    | 471.39    | 475.80     | 0.85    | ppb   |
| Silicon    | 28-1  | 509.08    | 513.45    | 514.71    | 512.41     | 0.58    | ppb   |
| Silver     | 109-1 | 491.25    | 492.04    | 495.73    | 493.01     | 0.49    | ppb   |
| Silver     | 107-1 | 491.45    | 492.70    | 496.62    | 493.59     | 0.55    | ppb   |
| Sodium     | 23-2  | 251197.63 | 247763.06 | 251459.53 | 250140.07  | 0.82    | ppb   |
| Strontium  | 86-1  | 511.34    | 509.21    | 498.82    | 506.46     | 1.32    | ppb   |
| Strontium  | 88-1  | 516.60    | 518.13    | 511.12    | 515.28     | 0.72    | ppb   |
| Sulfur     | 34-1  | 8194.08   | 8275.75   | 8327.60   | 8265.81    | 0.81    | ppb   |
| Terbium    | 159-1 |           |           |           |            |         | %     |
| Terbium    | 159-2 |           |           |           |            |         | %     |
| Thallium   | 203-1 | 498.41    | 492.23    | 500.18    | 496.94     | 0.84    | ppb   |
| Thallium   | 205-1 | 515.08    | 504.51    | 513.00    | 510.86     | 1.10    | ppb   |
| Tin        | 118-1 | 480.30    | 485.66    | 490.24    | 485.40     | 1.02    | ppb   |
| Titanium   | 47-1  | 494.04    | 489.56    | 493.44    | 492.35     | 0.49    | ppb   |
| Uranium    | 238-1 | 524.17    | 515.85    | 524.22    | 521.42     | 0.92    | ppb   |
| Vanadium   | 51-2  | 503.17    | 504.34    | 504.59    | 504.03     | 0.15    | ppb   |
| Yttrium    | 89-1  |           |           |           |            |         | %     |
| Yttrium    | 89-2  |           |           |           |            |         | %     |
| Zinc       | 66-2  | 972.64    | 963.11    | 970.48    | 968.74     | 0.52    | ppb   |
| Zirconium  | 90-1  | 509.42    | 512.77    | 501.54    | 507.91     | 1.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 492.50  | 499.80  | 492.96  | 495.09     | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.44    | 0.73    | 0.62    | 0.60       | 24.95   | ppb   |
| Antimony   | 121-1 | 1.53    | 1.45    | 1.34    | 1.44       | 6.59    | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.12    | 0.10    | 0.11       | 10.28   | ppb   |
| Barium     | 135-1 | 0.22    | 0.12    | 0.06    | 0.13       | 59.61   | ppb   |
| Barium     | 137-1 | 0.24    | 0.13    | 0.09    | 0.15       | 51.56   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.05    | 0.06    | 0.07       | 33.08   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 12.82   | 13.16   | 11.18   | 12.39      | 8.58    | ppb   |
| Boron      | 11-1  | 12.48   | 12.65   | 11.04   | 12.06      | 7.33    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.26   | -0.27   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -3.32   | -3.97   | -4.26   | -3.85      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | 0.07    | 0.04    | 0.07       | 50.44   | ppb   |
| Calcium    | 43-1  | 10.57   | 1.55    | -1.41   | 3.57       | 174.86  | ppb   |
| Calcium    | 44-1  | 19.88   | 16.85   | 10.66   | 15.80      | 29.75   | ppb   |
| Chromium   | 52-2  | -0.01   | 0.03    | 0.01    | 0.01       | 151.19  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 17.73   | ppb   |
| Copper     | 63-2  | 0.36    | 0.42    | 0.36    | 0.38       | 9.20    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 4.26    | 3.86    | 3.40    | 3.84       | 11.18   | ppb   |
| Iron       | 57-2  | 3.83    | 3.72    | 2.59    | 3.38       | 20.31   | ppb   |
| Lead       | 206-1 | 0.21    | 0.19    | 0.18    | 0.20       | 7.37    | ppb   |
| Lead       | 207-1 | 0.22    | 0.21    | 0.21    | 0.21       | 3.52    | ppb   |
| Lead       | 208-1 | 0.22    | 0.20    | 0.20    | 0.21       | 4.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 4.78    | 3.84    | 3.89    | 4.17       | 12.68   | ppb   |
| Manganese  | 55-2  | 0.04    | 0.02    | 0.03    | 0.03       | 24.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.32     | 0.30     | 0.28     | 0.30       | 5.35    | ppb   |
| Molybdenum | 95-1  | 0.70     | 0.61     | 0.54     | 0.62       | 13.25   | ppb   |
| Molybdenum | 96-1  | 0.54     | 0.52     | 0.48     | 0.51       | 5.50    | ppb   |
| Molybdenum | 97-1  | 0.79     | 0.65     | 0.60     | 0.68       | 14.63   | ppb   |
| Molybdenum | 98-1  | 0.72     | 0.61     | 0.57     | 0.63       | 12.70   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | 0.01     | 0.00       | 960.50  | ppb   |
| Phosphorus | 31-2  | -3.15    | -9.15    | 2.12     | -3.40      |         | ppb   |
| Potassium  | 39-2  | 39.85    | 37.77    | 35.87    | 37.83      | 5.27    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | 0.16     | 0.08       | 192.59  | ppb   |
| Selenium   | 78-2  | 0.20     | 0.05     | 0.06     | 0.10       | 82.94   | ppb   |
| Selenium   | 82-1  | 0.47     | 0.82     | 0.37     | 0.55       | 43.18   | ppb   |
| Silicon    | 28-1  | -10.01   | -9.14    | -10.18   | -9.78      |         | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.06     | 0.07       | 18.58   | ppb   |
| Silver     | 107-1 | 0.09     | 0.06     | 0.05     | 0.07       | 34.27   | ppb   |
| Sodium     | 23-2  | 80.42    | 81.55    | 78.74    | 80.24      | 1.76    | ppb   |
| Strontium  | 86-1  | 0.02     | -0.01    | 0.00     | 0.00       | 434.25  | ppb   |
| Strontium  | 88-1  | 0.04     | 0.03     | 0.01     | 0.03       | 41.17   | ppb   |
| Sulfur     | 34-1  | -2022.21 | -1771.44 | -1908.66 | -1900.77   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.21     | 0.19     | 0.16     | 0.19       | 12.18   | ppb   |
| Thallium   | 205-1 | 0.21     | 0.20     | 0.17     | 0.19       | 12.85   | ppb   |
| Tin        | 118-1 | 0.44     | 0.39     | 0.41     | 0.41       | 5.81    | ppb   |
| Titanium   | 47-1  | 0.06     | 0.06     | 0.09     | 0.07       | 22.15   | ppb   |
| Uranium    | 238-1 | 0.05     | 0.03     | 0.02     | 0.03       | 38.36   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.01     | 0.01       | 25.14   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.20     | 0.20     | 0.14     | 0.18       | 18.16   | ppb   |
| Zirconium  | 90-1  | 0.15     | 0.13     | 0.13     | 0.14       | 6.18    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.15    | 0.15    | 0.14    | 0.15       | 4.04    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.14   | 15.50   | 14.69   | 15.44      | 4.72    | ppb   |
| Antimony   | 121-1 | 1.93    | 1.96    | 1.91    | 1.93       | 1.17    | ppb   |
| Arsenic    | 75-2  | 0.81    | 0.81    | 0.95    | 0.86       | 9.97    | ppb   |
| Barium     | 135-1 | 7.56    | 7.85    | 7.73    | 7.72       | 1.89    | ppb   |
| Barium     | 137-1 | 7.80    | 7.73    | 7.75    | 7.76       | 0.44    | ppb   |
| Beryllium  | 9-1   | 0.98    | 0.90    | 0.98    | 0.95       | 4.89    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 25.42   | 24.68   | 27.21   | 25.77      | 5.05    | ppb   |
| Boron      | 11-1  | 26.45   | 26.43   | 26.57   | 26.48      | 0.29    | ppb   |
| Cadmium    | 111-1 | 0.52    | 0.57    | 0.53    | 0.54       | 4.29    | ppb   |
| Cadmium    | 106-1 | -3.31   | -2.82   | -3.67   | -3.27      |         | ppb   |
| Cadmium    | 108-1 | 0.93    | 0.86    | 0.95    | 0.92       | 4.97    | ppb   |
| Calcium    | 43-1  | 358.17  | 347.17  | 369.33  | 358.23     | 3.09    | ppb   |
| Calcium    | 44-1  | 388.81  | 377.23  | 376.05  | 380.70     | 1.85    | ppb   |
| Chromium   | 52-2  | 1.80    | 1.81    | 1.80    | 1.80       | 0.28    | ppb   |
| Cobalt     | 59-2  | 0.82    | 0.82    | 0.80    | 0.81       | 1.37    | ppb   |
| Copper     | 63-2  | 2.12    | 2.04    | 2.18    | 2.11       | 3.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 42.75   | 42.67   | 42.65   | 42.69      | 0.12    | ppb   |
| Iron       | 57-2  | 39.00   | 42.56   | 41.62   | 41.06      | 4.50    | ppb   |
| Lead       | 206-1 | 1.39    | 1.45    | 1.53    | 1.46       | 4.78    | ppb   |
| Lead       | 207-1 | 1.42    | 1.42    | 1.43    | 1.42       | 0.59    | ppb   |
| Lead       | 208-1 | 1.41    | 1.47    | 1.47    | 1.45       | 2.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 381.12  | 388.29  | 387.64  | 385.69     | 1.03    | ppb   |
| Manganese  | 55-2  | 0.81    | 0.83    | 0.87    | 0.84       | 4.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.73     | 1.78     | 1.79     | 1.77       | 1.73    | ppb   |
| Molybdenum | 95-1  | 3.93     | 3.79     | 3.96     | 3.89       | 2.40    | ppb   |
| Molybdenum | 96-1  | 3.36     | 3.47     | 3.33     | 3.39       | 2.25    | ppb   |
| Molybdenum | 97-1  | 3.88     | 3.84     | 3.91     | 3.88       | 0.93    | ppb   |
| Molybdenum | 98-1  | 3.86     | 3.90     | 3.83     | 3.86       | 0.96    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.85     | 0.92     | 0.87     | 0.88       | 4.15    | ppb   |
| Phosphorus | 31-2  | -3.98    | 5.17     | 1.95     | 1.04       | 444.68  | ppb   |
| Potassium  | 39-2  | 427.42   | 410.18   | 417.80   | 418.47     | 2.06    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 4.15     | 4.84     | 5.16     | 4.72       | 10.92   | ppb   |
| Selenium   | 78-2  | 4.71     | 5.00     | 3.34     | 4.35       | 20.44   | ppb   |
| Selenium   | 82-1  | 4.80     | 4.43     | 4.23     | 4.49       | 6.44    | ppb   |
| Silicon    | 28-1  | -3.45    | -3.57    | -4.41    | -3.81      |         | ppb   |
| Silver     | 109-1 | 1.07     | 1.05     | 1.12     | 1.08       | 3.44    | ppb   |
| Silver     | 107-1 | 1.04     | 1.07     | 1.05     | 1.05       | 1.51    | ppb   |
| Sodium     | 23-2  | 459.69   | 459.50   | 455.90   | 458.37     | 0.47    | ppb   |
| Strontium  | 86-1  | 0.76     | 0.76     | 0.85     | 0.79       | 6.33    | ppb   |
| Strontium  | 88-1  | 0.80     | 0.75     | 0.75     | 0.77       | 3.30    | ppb   |
| Sulfur     | 34-1  | -1751.58 | -1801.58 | -1596.12 | -1716.43   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.89     | 0.85     | 0.94     | 0.89       | 5.28    | ppb   |
| Thallium   | 205-1 | 0.88     | 0.88     | 0.87     | 0.88       | 0.33    | ppb   |
| Tin        | 118-1 | 4.05     | 3.99     | 3.98     | 4.01       | 0.85    | ppb   |
| Titanium   | 47-1  | 3.79     | 4.08     | 4.00     | 3.96       | 3.80    | ppb   |
| Uranium    | 238-1 | 0.74     | 0.74     | 0.71     | 0.73       | 2.38    | ppb   |
| Vanadium   | 51-2  | 3.91     | 4.10     | 4.13     | 4.05       | 2.99    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.90     | 1.90     | 1.85     | 1.88       | 1.67    | ppb   |
| Zirconium  | 90-1  | 0.87     | 0.87     | 0.86     | 0.87       | 0.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.88    | 0.92    | 0.91    | 0.90       | 2.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.59   | 12.00   | 12.10   | 11.56      | 7.30    | ppb   |
| Antimony   | 121-1 | 1.25    | 1.34    | 1.26    | 1.29       | 3.99    | ppb   |
| Arsenic    | 75-2  | 0.60    | 0.61    | 0.61    | 0.61       | 0.13    | ppb   |
| Barium     | 135-1 | 5.80    | 5.78    | 5.77    | 5.78       | 0.30    | ppb   |
| Barium     | 137-1 | 5.80    | 6.01    | 5.82    | 5.88       | 1.95    | ppb   |
| Beryllium  | 9-1   | 0.73    | 0.71    | 0.61    | 0.68       | 9.75    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 18.82   | 18.39   | 22.07   | 19.76      | 10.17   | ppb   |
| Boron      | 11-1  | 19.07   | 17.71   | 19.01   | 18.60      | 4.15    | ppb   |
| Cadmium    | 111-1 | 0.34    | 0.25    | 0.30    | 0.29       | 15.44   | ppb   |
| Cadmium    | 106-1 | -3.55   | -4.43   | -3.93   | -3.97      |         | ppb   |
| Cadmium    | 108-1 | 0.43    | 0.78    | 0.61    | 0.61       | 28.84   | ppb   |
| Calcium    | 43-1  | 266.67  | 293.94  | 292.40  | 284.34     | 5.39    | ppb   |
| Calcium    | 44-1  | 289.72  | 299.14  | 287.49  | 292.12     | 2.12    | ppb   |
| Chromium   | 52-2  | 1.33    | 1.40    | 1.32    | 1.35       | 3.38    | ppb   |
| Cobalt     | 59-2  | 0.60    | 0.62    | 0.62    | 0.62       | 1.67    | ppb   |
| Copper     | 63-2  | 1.60    | 1.57    | 1.57    | 1.58       | 1.09    | 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  | 32.10   | 31.96   | 31.57   | 31.88      | 0.86    | ppb   |
| Iron       | 57-2  | 29.87   | 32.60   | 31.59   | 31.36      | 4.41    | ppb   |
| Lead       | 206-1 | 0.82    | 0.95    | 1.01    | 0.93       | 9.96    | ppb   |
| Lead       | 207-1 | 0.88    | 0.93    | 0.94    | 0.92       | 3.72    | ppb   |
| Lead       | 208-1 | 0.88    | 0.95    | 0.98    | 0.94       | 5.86    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 299.99  | 301.95  | 298.63  | 300.19     | 0.56    | ppb   |
| Manganese  | 55-2  | 0.70    | 0.67    | 0.67    | 0.68       | 3.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.31     | 1.34     | 1.29     | 1.31       | 2.14    | ppb   |
| Molybdenum | 95-1  | 2.79     | 2.90     | 2.90     | 2.87       | 2.15    | ppb   |
| Molybdenum | 96-1  | 2.45     | 2.48     | 2.43     | 2.45       | 1.07    | ppb   |
| Molybdenum | 97-1  | 2.83     | 2.96     | 2.93     | 2.91       | 2.35    | ppb   |
| Molybdenum | 98-1  | 2.84     | 2.87     | 2.92     | 2.87       | 1.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.69     | 0.69     | 0.67     | 0.68       | 1.99    | ppb   |
| Phosphorus | 31-2  | 2.49     | 3.19     | -3.48    | 0.73       | 498.52  | ppb   |
| Potassium  | 39-2  | 315.51   | 313.26   | 316.37   | 315.04     | 0.51    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 3.99     | 2.69     | 2.95     | 3.21       | 21.47   | ppb   |
| Selenium   | 78-2  | 2.75     | 2.99     | 2.17     | 2.64       | 15.94   | ppb   |
| Selenium   | 82-1  | 3.42     | 3.87     | 3.21     | 3.50       | 9.66    | ppb   |
| Silicon    | 28-1  | -5.59    | -5.07    | -6.07    | -5.58      |         | ppb   |
| Silver     | 109-1 | 0.78     | 0.80     | 0.80     | 0.80       | 1.28    | ppb   |
| Silver     | 107-1 | 0.81     | 0.83     | 0.78     | 0.81       | 2.92    | ppb   |
| Sodium     | 23-2  | 348.03   | 341.00   | 343.35   | 344.12     | 1.04    | ppb   |
| Strontium  | 86-1  | 0.64     | 0.53     | 0.55     | 0.57       | 9.87    | ppb   |
| Strontium  | 88-1  | 0.61     | 0.57     | 0.60     | 0.59       | 3.80    | ppb   |
| Sulfur     | 34-1  | -1202.75 | -1082.74 | -1249.28 | -1178.26   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.62     | 0.60     | 0.61     | 0.61       | 1.44    | ppb   |
| Thallium   | 205-1 | 0.62     | 0.62     | 0.62     | 0.62       | 0.43    | ppb   |
| Tin        | 118-1 | 2.99     | 3.12     | 2.93     | 3.01       | 3.20    | ppb   |
| Titanium   | 47-1  | 2.83     | 2.99     | 2.83     | 2.88       | 3.29    | ppb   |
| Uranium    | 238-1 | 0.54     | 0.55     | 0.56     | 0.55       | 1.97    | ppb   |
| Vanadium   | 51-2  | 2.99     | 3.09     | 3.07     | 3.05       | 1.79    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.42     | 1.43     | 1.49     | 1.45       | 2.44    | ppb   |
| Zirconium  | 90-1  | 0.61     | 0.59     | 0.62     | 0.61       | 2.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.58    | 0.66    | 0.65    | 0.63       | 6.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.31   | -0.21   | -0.42   | -0.31      |         | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.46    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.03    | 0.02    | 0.02       | 67.24   | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | 0.00    | 0.01       | 117.66  | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | 0.00    | 0.01       | 106.70  | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.05    | 0.03       | 60.13   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.26    | 2.36    | 2.72    | 2.45       | 9.88    | ppb   |
| Boron      | 11-1  | 2.77    | 2.84    | 2.91    | 2.84       | 2.38    | ppb   |
| Cadmium    | 111-1 | -0.44   | -0.46   | -0.44   | -0.45      |         | ppb   |
| Cadmium    | 106-1 | -5.75   | -6.16   | -5.85   | -5.92      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.01    | 0.13    | 0.07       | 90.94   | ppb   |
| Calcium    | 43-1  | -5.06   | -11.01  | -14.34  | -10.14     |         | ppb   |
| Calcium    | 44-1  | -4.39   | -3.14   | -5.21   | -4.25      |         | ppb   |
| Chromium   | 52-2  | 0.00    | 0.03    | 0.00    | 0.01       | 184.44  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 52.41   | ppb   |
| Copper     | 63-2  | 0.12    | 0.11    | 0.12    | 0.12       | 7.19    | 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  | 0.60    | 0.63    | 0.62    | 0.62       | 2.30    | ppb   |
| Iron       | 57-2  | -0.13   | 0.50    | -0.56   | -0.06      |         | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.06    | 0.05       | 17.51   | ppb   |
| Lead       | 207-1 | 0.04    | 0.07    | 0.05    | 0.05       | 27.90   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 1.88    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.12    | 0.80    | 0.57    | 0.83       | 33.38   | ppb   |
| Manganese  | 55-2  | 0.00    | -0.01   | 0.01    | 0.00       | 484.83  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03    | 0.02    | 0.03       | 8.32    | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.03    | 0.05    | 0.04       | 29.15   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.04    | 0.04    | 0.04       | 11.85   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.06    | 0.04    | 0.05       | 24.03   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.05    | 0.06    | 0.05       | 13.42   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | 4.37     | -4.98   | 7.08    | 2.15       | 293.66  | ppb   |
| Potassium  | 39-2  | 8.75     | 6.69    | 8.14    | 7.86       | 13.44   | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.09     | -0.06   | -0.16   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.27     | 0.62    | 0.70    | 0.53       | 43.54   | ppb   |
| Silicon    | 28-1  | -12.02   | -11.59  | -11.74  | -11.78     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.01    | 0.01    | 0.01       | 20.09   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 30.90   | ppb   |
| Sodium     | 23-2  | 32.60    | 30.71   | 31.39   | 31.56      | 3.03    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.02   | -0.05   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | -0.01   | -0.01   | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1028.37 | -786.97 | -803.83 | -873.06    |         | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03    | 0.03    | 0.03       | 6.97    | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04    | 0.03    | 0.04       | 7.08    | ppb   |
| Tin        | 118-1 | 0.02     | 0.02    | 0.03    | 0.02       | 29.36   | ppb   |
| Titanium   | 47-1  | -0.03    | 0.02    | -0.02   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 0.08     | 0.02    | -0.02   | 0.03       | 185.84  | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02    | 0.01    | 0.01       | 70.29   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.00    | 0.01       | 112.64  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.32    | 2.02    | 0.80    | 1.38       | 44.44   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.05    | 0.05       | 14.61   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.02    | 0.02    | 0.02       | 17.36   | ppb   |
| Barium     | 135-1 | 0.08    | 0.09    | 0.07    | 0.08       | 10.11   | ppb   |
| Barium     | 137-1 | 0.10    | 0.08    | 0.10    | 0.09       | 14.59   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.05    | 0.03       | 59.93   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.71    | 3.17    | 2.33    | 2.74       | 15.45   | ppb   |
| Boron      | 11-1  | 2.46    | 2.66    | 2.60    | 2.57       | 3.98    | ppb   |
| Cadmium    | 111-1 | -0.34   | -0.29   | -0.40   | -0.34      |         | ppb   |
| Cadmium    | 106-1 | -4.57   | -3.93   | -5.38   | -4.63      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.00    | -0.04   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 23.92   | 18.05   | 15.12   | 19.03      | 23.55   | ppb   |
| Calcium    | 44-1  | 21.96   | 18.91   | 20.41   | 20.43      | 7.48    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.03    | 0.03    | 0.05       | 79.60   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 26.60   | ppb   |
| Copper     | 63-2  | 0.15    | 0.14    | 0.10    | 0.13       | 18.13   | 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  | 1.52    | 1.47    | 1.48    | 1.49       | 1.82    | ppb   |
| Iron       | 57-2  | 1.08    | 0.92    | 0.97    | 0.99       | 8.23    | ppb   |
| Lead       | 206-1 | 460.33  | 465.95  | 462.38  | 462.88     | 0.61    | ppb   |
| Lead       | 207-1 | 459.81  | 463.71  | 464.78  | 462.76     | 0.57    | ppb   |
| Lead       | 208-1 | 475.80  | 478.98  | 481.80  | 478.86     | 0.63    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1.79    | 1.44    | 1.51    | 1.58       | 11.77   | ppb   |
| Manganese  | 55-2  | 0.10    | 0.09    | 0.10    | 0.10       | 1.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02     | 0.02     | 0.02       | 28.76   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04     | 0.03     | 0.04       | 4.51    | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05     | 0.05     | 0.05       | 0.89    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.03     | 0.05     | 0.04       | 19.76   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04     | 0.04     | 0.04       | 13.24   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.04    | 0.05     | 0.02     | 0.04       | 40.79   | ppb   |
| Phosphorus | 31-2  | -3.68   | -5.56    | -7.93    | -5.72      |         | ppb   |
| Potassium  | 39-2  | 15.40   | 9.15     | 12.30    | 12.28      | 25.45   | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.16     | 0.16     | 0.08       | 188.63  | ppb   |
| Selenium   | 78-2  | -0.34   | -0.17    | -0.21    | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.39    | 0.61     | 0.37     | 0.46       | 29.54   | ppb   |
| Silicon    | 28-1  | -11.22  | -11.23   | -11.27   | -11.24     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00     | 0.01     | 0.01       | 38.22   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01     | 0.00     | 0.00       | 309.40  | ppb   |
| Sodium     | 23-2  | 32.72   | 31.10    | 33.35    | 32.39      | 3.58    | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00     | 0.01     | 0.00       | 193.57  | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02     | 0.01     | 0.01       | 36.38   | ppb   |
| Sulfur     | 34-1  | -997.84 | -1073.11 | -1044.60 | -1038.51   |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.03     | 0.02     | 0.03       | 17.02   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04     | 0.03     | 0.03       | 11.66   | ppb   |
| Tin        | 118-1 | 0.03    | 0.03     | 0.51     | 0.19       | 145.07  | ppb   |
| Titanium   | 47-1  | 0.03    | 0.01     | 0.02     | 0.02       | 50.36   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 3.44    | 3.60     | 3.61     | 3.55       | 2.68    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01     | 0.01     | 0.01       | 4.28    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 50.22   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-01 Instrumnet Name : P7  
 Client Sample ID : DC14598-01-BS-KI-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:48:09 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.60   | 9.37    | 7.64    | 9.54       | 20.86   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.10    | 0.09       | 12.92   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.27    | 0.31    | 0.30       | 6.96    | ppb   |
| Barium     | 135-1 | 15.05   | 15.35   | 15.69   | 15.37      | 2.08    | ppb   |
| Barium     | 137-1 | 15.23   | 15.10   | 15.43   | 15.25      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | 0.05    | 0.03       | 71.60   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.93    | 5.46    | 6.33    | 5.91       | 7.33    | ppb   |
| Boron      | 11-1  | 6.94    | 6.07    | 7.05    | 6.69       | 8.02    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.42   | -0.43   | -0.41      |         | ppb   |
| Cadmium    | 106-1 | -5.30   | -5.64   | -5.82   | -5.59      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | -0.04   | 0.01       | 486.61  | ppb   |
| Calcium    | 43-1  | 5163.44 | 5145.70 | 5245.73 | 5184.96    | 1.03    | ppb   |
| Calcium    | 44-1  | 5204.11 | 5138.05 | 5200.70 | 5180.96    | 0.72    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.34    | 0.33    | 0.33       | 3.12    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.01    | 0.01       | 27.83   | ppb   |
| Copper     | 63-2  | 182.00  | 181.61  | 182.55  | 182.05     | 0.26    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.44   | 33.18   | 32.40   | 33.01      | 1.65    | ppb   |
| Iron       | 57-2  | 35.32   | 38.19   | 36.70   | 36.74      | 3.91    | ppb   |
| Lead       | 206-1 | 0.26    | 0.23    | 0.20    | 0.23       | 11.37   | ppb   |
| Lead       | 207-1 | 0.23    | 0.20    | 0.21    | 0.21       | 6.04    | ppb   |
| Lead       | 208-1 | 0.24    | 0.21    | 0.20    | 0.22       | 8.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1071.23 | 1087.53 | 1083.16 | 1080.64    | 0.78    | ppb   |
| Manganese  | 55-2  | 12.25   | 12.37   | 11.81   | 12.14      | 2.45    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-01-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:48:09   | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.20    | 0.18    | 0.17    | 0.18       | 8.39    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.05    | 0.05    | 0.05       | 4.76    | ppb   |
| Molybdenum | 96-1  | 0.11    | 0.08    | 0.08    | 0.09       | 17.54   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.05    | 0.05    | 0.05       | 9.89    | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.06    | 0.07    | 0.06       | 5.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.45    | 0.49    | 0.48    | 0.48       | 4.44    | ppb   |
| Phosphorus | 31-2  | 656.23  | 658.05  | 644.00  | 652.76     | 1.17    | ppb   |
| Potassium  | 39-2  | 446.35  | 441.02  | 442.71  | 443.36     | 0.61    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.16    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.29   | -0.41   | -0.55   | -0.42      |         | ppb   |
| Selenium   | 82-1  | 0.18    | 0.32    | 1.03    | 0.51       | 88.95   | ppb   |
| Silicon    | 28-1  | 832.85  | 814.59  | 839.95  | 829.13     | 1.58    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 34.50   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 59.82   | ppb   |
| Sodium     | 23-2  | 9078.76 | 9133.77 | 9108.35 | 9106.96    | 0.30    | ppb   |
| Strontium  | 86-1  | 17.18   | 17.30   | 17.24   | 17.24      | 0.34    | ppb   |
| Strontium  | 88-1  | 17.22   | 17.19   | 17.11   | 17.17      | 0.34    | ppb   |
| Sulfur     | 34-1  | 334.64  | 245.63  | 162.00  | 247.42     | 34.89   | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.03    | 0.03    | 0.03       | 11.77   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.03   | ppb   |
| Tin        | 118-1 | 0.03    | 0.05    | 0.03    | 0.04       | 25.99   | ppb   |
| Titanium   | 47-1  | 0.48    | 0.43    | 0.99    | 0.63       | 48.88   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 39.05   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 8.76    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.24   | 14.69   | 14.67   | 14.53      | 1.74    | ppb   |
| Zirconium  | 90-1  | 0.26    | 0.22    | 0.31    | 0.26       | 17.50   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-01-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:48:09   | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.26    | 0.29    | 0.22    | 0.26       | 14.83   | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-02 Instrumnet Name : P7  
 Client Sample ID : DC14598-02-BS-KI-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:51:34 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.58   | 22.45   | 23.30   | 23.11      | 2.55    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.09    | 0.09    | 0.09       | 6.49    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.28    | 0.30    | 0.30       | 7.32    | ppb   |
| Barium     | 135-1 | 13.97   | 13.99   | 13.76   | 13.91      | 0.90    | ppb   |
| Barium     | 137-1 | 13.87   | 13.79   | 13.52   | 13.73      | 1.34    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.01    | 0.01       | 82.18   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 13.76   | 13.92   | 15.52   | 14.40      | 6.77    | ppb   |
| Boron      | 11-1  | 14.50   | 14.24   | 15.08   | 14.61      | 2.93    | ppb   |
| Cadmium    | 111-1 | -0.48   | -0.41   | -0.22   | -0.37      |         | ppb   |
| Cadmium    | 106-1 | -6.51   | -5.64   | -3.15   | -5.10      |         | ppb   |
| Cadmium    | 108-1 | 0.10    | 0.14    | 0.05    | 0.10       | 47.21   | ppb   |
| Calcium    | 43-1  | 4727.15 | 4684.23 | 4849.37 | 4753.58    | 1.80    | ppb   |
| Calcium    | 44-1  | 4798.50 | 4791.15 | 4838.84 | 4809.50    | 0.53    | ppb   |
| Chromium   | 52-2  | 0.38    | 0.41    | 0.39    | 0.39       | 3.79    | ppb   |
| Cobalt     | 59-2  | 0.35    | 0.33    | 0.33    | 0.34       | 2.80    | ppb   |
| Copper     | 63-2  | 279.72  | 279.61  | 275.95  | 278.43     | 0.77    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 47.90   | 48.09   | 56.64   | 50.88      | 9.81    | ppb   |
| Iron       | 57-2  | 53.31   | 58.58   | 53.55   | 55.15      | 5.40    | ppb   |
| Lead       | 206-1 | 0.64    | 0.60    | 0.62    | 0.62       | 2.88    | ppb   |
| Lead       | 207-1 | 0.58    | 0.55    | 0.53    | 0.56       | 4.44    | ppb   |
| Lead       | 208-1 | 0.61    | 0.59    | 0.58    | 0.59       | 2.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1571.60 | 1558.43 | 1551.10 | 1560.38    | 0.67    | ppb   |
| Manganese  | 55-2  | 19.74   | 19.95   | 19.59   | 19.76      | 0.91    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-02-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:51:34   | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.15    | 0.14    | 0.14    | 0.14       | 2.53    | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05    | 0.06    | 0.06       | 21.63   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.07    | 0.09    | 0.08       | 10.46   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.06    | 0.07    | 0.06       | 25.13   | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.06    | 0.07    | 0.06       | 5.44    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 4.11    | 4.18    | 3.98    | 4.09       | 2.46    | ppb   |
| Phosphorus | 31-2  | 514.49  | 534.05  | 473.68  | 507.41     | 6.07    | ppb   |
| Potassium  | 39-2  | 425.78  | 436.20  | 434.09  | 432.02     | 1.27    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.71    | 0.30    | -0.47   | 0.18       | 338.22  | ppb   |
| Selenium   | 82-1  | 0.31    | 0.79    | 0.02    | 0.38       | 104.21  | ppb   |
| Silicon    | 28-1  | 971.36  | 952.87  | 957.92  | 960.72     | 0.99    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 50.33   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 121.49  | ppb   |
| Sodium     | 23-2  | 9234.90 | 9249.59 | 9299.70 | 9261.40    | 0.37    | ppb   |
| Strontium  | 86-1  | 16.47   | 16.27   | 16.22   | 16.32      | 0.80    | ppb   |
| Strontium  | 88-1  | 16.10   | 16.14   | 16.24   | 16.16      | 0.47    | ppb   |
| Sulfur     | 34-1  | -132.05 | -70.33  | -164.62 | -122.33    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.03    | 0.01    | 0.02       | 36.87   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 10.77   | ppb   |
| Tin        | 118-1 | 0.06    | 0.06    | 0.07    | 0.07       | 7.08    | ppb   |
| Titanium   | 47-1  | 0.41    | 0.41    | 0.48    | 0.43       | 8.54    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.00       | 12.41   | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.07    | 0.10    | 0.09       | 17.15   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 93.09   | 91.15   | 90.93   | 91.72      | 1.30    | ppb   |
| Zirconium  | 90-1  | 0.17    | 0.16    | 0.16    | 0.17       | 4.17    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-02-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:51:34   | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.17    | 0.16    | 0.18       | 11.08   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-03 Instrumnet Name : P7  
 Client Sample ID : DC14598-03-BS-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:55:00 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.89   | 12.50   | 12.12   | 13.84      | 19.18   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.09    | 0.08    | 0.08       | 12.37   | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.28    | 0.30    | 0.31       | 11.98   | ppb   |
| Barium     | 135-1 | 14.48   | 14.65   | 14.43   | 14.52      | 0.79    | ppb   |
| Barium     | 137-1 | 14.48   | 14.68   | 14.51   | 14.56      | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.05    | 0.03       | 42.96   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.35    | 5.01    | 5.48    | 5.61       | 12.13   | ppb   |
| Boron      | 11-1  | 5.78    | 5.69    | 6.39    | 5.95       | 6.36    | ppb   |
| Cadmium    | 111-1 | -0.39   | -0.46   | -0.41   | -0.42      |         | ppb   |
| Cadmium    | 106-1 | -5.49   | -6.44   | -5.68   | -5.87      |         | ppb   |
| Cadmium    | 108-1 | 0.21    | 0.07    | 0.06    | 0.11       | 72.53   | ppb   |
| Calcium    | 43-1  | 5164.30 | 5154.40 | 5186.75 | 5168.48    | 0.32    | ppb   |
| Calcium    | 44-1  | 5164.05 | 5162.81 | 5121.82 | 5149.56    | 0.47    | ppb   |
| Chromium   | 52-2  | 0.42    | 0.39    | 0.36    | 0.39       | 7.77    | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.08    | 0.08    | 0.08       | 8.23    | ppb   |
| Copper     | 63-2  | 435.71  | 426.72  | 434.91  | 432.45     | 1.15    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 48.03   | 48.71   | 48.76   | 48.50      | 0.85    | ppb   |
| Iron       | 57-2  | 57.06   | 49.86   | 52.83   | 53.25      | 6.79    | ppb   |
| Lead       | 206-1 | 1.92    | 1.85    | 1.85    | 1.87       | 2.06    | ppb   |
| Lead       | 207-1 | 1.79    | 1.74    | 1.64    | 1.72       | 4.21    | ppb   |
| Lead       | 208-1 | 1.82    | 1.81    | 1.77    | 1.80       | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1082.77 | 1079.22 | 1091.47 | 1084.49    | 0.58    | ppb   |
| Manganese  | 55-2  | 20.78   | 20.58   | 20.84   | 20.73      | 0.66    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-03-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:55:00   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10    | 0.10    | 0.09    | 0.10       | 4.33    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.06    | 0.03    | 0.05       | 30.32   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.07    | 0.07       | 4.44    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.05    | 0.07       | 20.80   | ppb   |
| Molybdenum | 98-1  | 0.07    | 0.05    | 0.06    | 0.06       | 17.04   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 8.71    | 8.47    | 9.00    | 8.73       | 3.01    | ppb   |
| Phosphorus | 31-2  | 661.53  | 670.16  | 672.85  | 668.18     | 0.89    | ppb   |
| Potassium  | 39-2  | 434.01  | 428.73  | 431.72  | 431.49     | 0.61    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | -0.09   | 0.41    | 0.16       | 158.36  | ppb   |
| Selenium   | 78-2  | 0.56    | -0.20   | -0.16   | 0.07       | 623.64  | ppb   |
| Selenium   | 82-1  | 0.41    | 0.66    | 0.17    | 0.41       | 59.77   | ppb   |
| Silicon    | 28-1  | 836.50  | 825.75  | 817.42  | 826.56     | 1.16    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 51.76   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 93.42   | ppb   |
| Sodium     | 23-2  | 9304.75 | 9275.03 | 9290.84 | 9290.21    | 0.16    | ppb   |
| Strontium  | 86-1  | 16.56   | 16.96   | 16.51   | 16.68      | 1.47    | ppb   |
| Strontium  | 88-1  | 16.67   | 16.66   | 16.69   | 16.68      | 0.09    | ppb   |
| Sulfur     | 34-1  | -271.93 | -214.54 | -254.18 | -246.88    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.03    | 0.03    | 0.02    | 0.03       | 9.51    | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.03    | 0.03       | 6.75    | ppb   |
| Tin        | 118-1 | 8.25    | 8.17    | 8.39    | 8.27       | 1.30    | ppb   |
| Titanium   | 47-1  | 0.60    | 0.60    | 0.66    | 0.62       | 5.48    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.01       | 37.65   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.06    | 0.07       | 10.45   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 147.74  | 144.72  | 149.10  | 147.19     | 1.52    | ppb   |
| Zirconium  | 90-1  | 0.11    | 0.10    | 0.09    | 0.10       | 8.34    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-03-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:55:00   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.12    | 0.11    | 0.11    | 0.12       | 5.86    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-04 Instrumnet Name : P7  
 Client Sample ID : DC14598-04-BS-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:58:26 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.77    | 8.13    | 8.66    | 8.52       | 3.97    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 3.39    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.30    | 0.33    | 0.30       | 11.64   | ppb   |
| Barium     | 135-1 | 15.27   | 14.80   | 15.16   | 15.07      | 1.64    | ppb   |
| Barium     | 137-1 | 15.20   | 14.87   | 15.21   | 15.09      | 1.30    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 31.24   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.44    | 6.07    | 7.18    | 6.56       | 8.62    | ppb   |
| Boron      | 11-1  | 6.11    | 6.64    | 6.96    | 6.57       | 6.50    | ppb   |
| Cadmium    | 111-1 | -0.44   | -0.54   | -0.48   | -0.49      |         | ppb   |
| Cadmium    | 106-1 | -5.90   | -7.27   | -6.37   | -6.51      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.02    | 0.02    | 0.03       | 61.03   | ppb   |
| Calcium    | 43-1  | 5221.35 | 5133.13 | 5103.81 | 5152.76    | 1.19    | ppb   |
| Calcium    | 44-1  | 5192.99 | 5198.07 | 5166.83 | 5185.96    | 0.32    | ppb   |
| Chromium   | 52-2  | 0.36    | 0.35    | 0.40    | 0.37       | 7.56    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.03    | 0.02       | 21.75   | ppb   |
| Copper     | 63-2  | 293.36  | 297.09  | 294.86  | 295.10     | 0.64    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.97   | 32.01   | 31.44   | 32.81      | 5.77    | ppb   |
| Iron       | 57-2  | 35.14   | 35.01   | 35.14   | 35.09      | 0.22    | ppb   |
| Lead       | 206-1 | 0.13    | 0.13    | 0.15    | 0.13       | 8.50    | ppb   |
| Lead       | 207-1 | 0.12    | 0.15    | 0.14    | 0.14       | 10.71   | ppb   |
| Lead       | 208-1 | 0.13    | 0.14    | 0.14    | 0.14       | 5.16    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1071.87 | 1087.14 | 1077.08 | 1078.70    | 0.72    | ppb   |
| Manganese  | 55-2  | 10.82   | 11.04   | 10.91   | 10.92      | 1.01    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-04-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:58:26   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.06    | 0.07    | 0.07       | 19.50   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.06    | 0.05    | 0.05       | 14.78   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.03    | 0.06    | 0.05       | 26.04   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.04    | 0.04       | 23.19   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 2.15    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.85    | 0.96    | 0.93    | 0.91       | 6.58    | ppb   |
| Phosphorus | 31-2  | 548.02  | 620.49  | 571.53  | 580.01     | 6.37    | ppb   |
| Potassium  | 39-2  | 433.41  | 446.91  | 425.16  | 435.16     | 2.52    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | -0.09   | -0.09   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.37   | 0.13    | -0.04   | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.11    | 0.62    | 0.72    | 0.48       | 68.34   | ppb   |
| Silicon    | 28-1  | 816.38  | 821.30  | 821.08  | 819.58     | 0.34    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 57.56   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9213.06 | 9438.20 | 9112.43 | 9254.56    | 1.80    | ppb   |
| Strontium  | 86-1  | 16.87   | 16.68   | 17.26   | 16.94      | 1.74    | ppb   |
| Strontium  | 88-1  | 16.89   | 16.74   | 16.86   | 16.83      | 0.45    | ppb   |
| Sulfur     | 34-1  | -347.62 | -383.11 | -331.77 | -354.17    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.04    | 0.02    | 0.03    | 0.03       | 19.95   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.03    | 0.03       | 6.76    | ppb   |
| Tin        | 118-1 | 0.42    | 0.04    | 0.03    | 0.16       | 137.65  | ppb   |
| Titanium   | 47-1  | 0.27    | 0.46    | 0.53    | 0.42       | 31.17   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.01       | 28.51   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 0.02    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 16.64   | 16.58   | 16.76   | 16.66      | 0.56    | ppb   |
| Zirconium  | 90-1  | 0.09    | 0.10    | 0.09    | 0.09       | 7.71    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-04-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:58:26   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.11    | 0.12    | 0.10    | 0.11       | 10.91   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.10   | 13.81   | 16.71   | 14.87      | 10.75   | ppb   |
| Antimony   | 121-1 | 0.10    | 0.12    | 0.12    | 0.11       | 10.10   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.28    | 0.28       | 3.43    | ppb   |
| Barium     | 135-1 | 14.64   | 15.31   | 14.53   | 14.83      | 2.86    | ppb   |
| Barium     | 137-1 | 14.67   | 14.68   | 14.67   | 14.67      | 0.04    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.00    | 0.00    | 0.01       | 157.84  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 11.40   | 9.43    | 10.68   | 10.51      | 9.51    | ppb   |
| Boron      | 11-1  | 10.35   | 11.05   | 10.88   | 10.76      | 3.41    | ppb   |
| Cadmium    | 111-1 | -0.47   | -0.43   | -0.46   | -0.45      |         | ppb   |
| Cadmium    | 106-1 | -6.24   | -5.83   | -6.21   | -6.09      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.02    | 0.06    | 0.04       | 60.20   | ppb   |
| Calcium    | 43-1  | 5054.08 | 5009.67 | 5058.46 | 5040.74    | 0.54    | ppb   |
| Calcium    | 44-1  | 5040.25 | 4999.92 | 4995.19 | 5011.79    | 0.49    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.36    | 0.33    | 0.35       | 4.27    | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.10    | 0.12    | 0.12       | 12.14   | ppb   |
| Copper     | 63-2  | 167.00  | 166.47  | 166.92  | 166.79     | 0.17    | 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  | 28.82   | 29.86   | 29.02   | 29.23      | 1.88    | ppb   |
| Iron       | 57-2  | 33.31   | 32.85   | 34.49   | 33.55      | 2.52    | ppb   |
| Lead       | 206-1 | 0.90    | 0.89    | 0.85    | 0.88       | 3.18    | ppb   |
| Lead       | 207-1 | 0.84    | 0.78    | 0.81    | 0.81       | 3.81    | ppb   |
| Lead       | 208-1 | 0.88    | 0.85    | 0.85    | 0.86       | 2.11    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1374.89 | 1385.71 | 1393.69 | 1384.76    | 0.68    | ppb   |
| Manganese  | 55-2  | 16.98   | 17.08   | 17.03   | 17.03      | 0.30    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.06    | 0.07    | 0.07       | 8.31    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.06    | 0.04    | 0.05       | 26.23   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.04    | 0.05    | 0.05       | 10.44   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.03    | 0.07    | 0.05       | 34.50   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.04    | 0.04       | 20.22   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.97    | 2.90    | 2.93    | 2.93       | 1.27    | ppb   |
| Phosphorus | 31-2  | 525.14  | 532.04  | 542.17  | 533.12     | 1.61    | ppb   |
| Potassium  | 39-2  | 433.72  | 440.41  | 446.72  | 440.28     | 1.48    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.16    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.48    | 0.20    | 0.49    | 0.39       | 42.05   | ppb   |
| Selenium   | 82-1  | 0.44    | 0.54    | 0.43    | 0.47       | 12.69   | ppb   |
| Silicon    | 28-1  | 877.37  | 874.16  | 864.72  | 872.08     | 0.75    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.54   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 18.58   | ppb   |
| Sodium     | 23-2  | 9542.31 | 9328.43 | 9447.85 | 9439.53    | 1.14    | ppb   |
| Strontium  | 86-1  | 16.39   | 16.64   | 16.62   | 16.55      | 0.84    | ppb   |
| Strontium  | 88-1  | 16.25   | 16.36   | 16.66   | 16.42      | 1.28    | ppb   |
| Sulfur     | 34-1  | -577.01 | -676.10 | -646.45 | -633.19    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.02    | 0.02       | 22.59   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.03    | 0.02    | 0.03       | 9.51    | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.18   | ppb   |
| Titanium   | 47-1  | 0.46    | 0.44    | 0.53    | 0.48       | 9.94    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.28    | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 3.21    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 121.22  | 119.41  | 120.59  | 120.41     | 0.76    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.07    | 0.08    | 0.07       | 9.93    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.08    | 0.11    | 0.07    | 0.09       | 25.75   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-06 Instrumnet Name : P7  
 Client Sample ID : DC14598-06-BS-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:05:17 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.20   | 8.73    | 44.04   | 20.99      | 95.18   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.05    | 0.06    | 0.06       | 11.07   | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.26    | 0.33    | 0.28       | 15.40   | ppb   |
| Barium     | 135-1 | 16.17   | 16.00   | 16.04   | 16.07      | 0.57    | ppb   |
| Barium     | 137-1 | 16.62   | 16.40   | 15.97   | 16.33      | 2.03    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.01    | 0.01       | 81.96   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.80    | 6.72    | 5.86    | 6.13       | 8.41    | ppb   |
| Boron      | 11-1  | 6.09    | 6.26    | 6.31    | 6.22       | 1.88    | ppb   |
| Cadmium    | 111-1 | -0.49   | -0.52   | -0.46   | -0.49      |         | ppb   |
| Cadmium    | 106-1 | -6.64   | -6.84   | -6.22   | -6.57      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.01   | -0.04   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5094.65 | 5142.88 | 5211.62 | 5149.72    | 1.14    | ppb   |
| Calcium    | 44-1  | 5152.61 | 5178.62 | 5189.53 | 5173.59    | 0.37    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.28    | 0.29    | 0.29       | 2.66    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 20.52   | ppb   |
| Copper     | 63-2  | 202.90  | 197.70  | 200.64  | 200.41     | 1.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 30.15   | 30.45   | 29.75   | 30.11      | 1.16    | ppb   |
| Iron       | 57-2  | 34.54   | 33.32   | 34.30   | 34.05      | 1.89    | ppb   |
| Lead       | 206-1 | 0.08    | 0.08    | 0.10    | 0.09       | 10.89   | ppb   |
| Lead       | 207-1 | 0.07    | 0.06    | 0.08    | 0.07       | 12.40   | ppb   |
| Lead       | 208-1 | 0.07    | 0.07    | 0.09    | 0.08       | 10.65   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1091.61 | 1079.87 | 1096.36 | 1089.28    | 0.78    | ppb   |
| Manganese  | 55-2  | 12.00   | 11.60   | 11.92   | 11.84      | 1.82    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-06-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:05:17   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.05    | 0.04    | 0.05       | 21.24   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.04    | 0.04       | 9.59    | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.05    | 0.05    | 0.05       | 5.80    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.04    | 0.04       | 10.80   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 7.08    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.42    | 0.44    | 0.46    | 0.44       | 4.55    | ppb   |
| Phosphorus | 31-2  | 651.10  | 639.84  | 642.98  | 644.64     | 0.90    | ppb   |
| Potassium  | 39-2  | 435.63  | 437.61  | 442.48  | 438.57     | 0.80    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | -0.09   | 0.16    | 0.07       | 193.51  | ppb   |
| Selenium   | 78-2  | 0.07    | -0.24   | 0.22    | 0.02       | 1274.00 | ppb   |
| Selenium   | 82-1  | -0.03   | 0.99    | 0.10    | 0.35       | 157.48  | ppb   |
| Silicon    | 28-1  | 826.26  | 836.77  | 816.38  | 826.47     | 1.23    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 152.73  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 33.47   | ppb   |
| Sodium     | 23-2  | 9371.12 | 9218.92 | 9361.10 | 9317.04    | 0.91    | ppb   |
| Strontium  | 86-1  | 17.57   | 17.47   | 17.12   | 17.39      | 1.35    | ppb   |
| Strontium  | 88-1  | 17.39   | 17.29   | 17.18   | 17.29      | 0.60    | ppb   |
| Sulfur     | 34-1  | -521.31 | -786.30 | -521.43 | -609.68    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 0.22    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.43   | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | 0.00    | 0.01       | 113.52  | ppb   |
| Titanium   | 47-1  | 0.83    | 0.42    | 0.39    | 0.55       | 44.37   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 23.63   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.05    | 0.06    | 0.05       | 13.87   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.30   | 12.45   | 12.85   | 12.53      | 2.28    | ppb   |
| Zirconium  | 90-1  | 0.07    | 0.06    | 0.06    | 0.07       | 9.68    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-06-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:05:17   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.08    | 0.07       | 18.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.07   | -0.08   | -0.40   | -0.18      |          | ppb   |
| Antimony   | 121-1 | 0.03    | 0.02    | 0.03    | 0.02       | 30.72    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 36.13    | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | -0.01   | 0.00       | 13585.31 | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.02    | 0.00       | 300.82   | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.01       | 133.35   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 2.02    | 1.93    | 1.15    | 1.70       | 28.24    | ppb   |
| Boron      | 11-1  | 1.56    | 1.44    | 1.52    | 1.51       | 4.20     | ppb   |
| Cadmium    | 111-1 | -0.46   | -0.52   | -0.53   | -0.50      |          | ppb   |
| Cadmium    | 106-1 | -6.17   | -6.81   | -7.12   | -6.70      |          | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.02    | -0.03   | -0.02      |          | ppb   |
| Calcium    | 43-1  | 6.10    | 2.86    | 1.82    | 3.59       | 62.20    | ppb   |
| Calcium    | 44-1  | 3.12    | 4.51    | 5.20    | 4.28       | 24.75    | ppb   |
| Chromium   | 52-2  | 0.07    | 0.03    | 0.05    | 0.05       | 34.61    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.01       | 42.53    | ppb   |
| Copper     | 63-2  | 0.08    | 0.07    | 0.08    | 0.08       | 5.56     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.49    | 0.37    | 0.32    | 0.39       | 22.29    | ppb   |
| Iron       | 57-2  | -0.08   | -0.38   | -0.16   | -0.21      |          | ppb   |
| Lead       | 206-1 | 475.74  | 475.19  | 468.33  | 473.09     | 0.87     | ppb   |
| Lead       | 207-1 | 476.08  | 474.32  | 468.11  | 472.84     | 0.89     | ppb   |
| Lead       | 208-1 | 494.64  | 493.54  | 487.93  | 492.04     | 0.73     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 0.45    | 0.24    | 0.22    | 0.30       | 42.70    | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.02    | 0.02       | 55.84    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       | 81.67   | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.01     | 0.01     | 0.01       | 41.86   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.00     | 0.01       | 58.12   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.02     | 0.02       | 8.98    | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.00     | 0.01     | 0.01       | 49.09   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | 0.00     | 0.00     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -4.82    | -15.52   | -6.00    | -8.78      |         | ppb   |
| Potassium  | 39-2  | 3.58     | 2.69     | 4.57     | 3.61       | 26.10   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.89    | 0.00     | 0.15     | -0.25      |         | ppb   |
| Selenium   | 82-1  | -0.05    | 0.57     | 0.41     | 0.31       | 103.37  | ppb   |
| Silicon    | 28-1  | -8.30    | -7.81    | -7.38    | -7.83      |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 134.88  | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 281.63  | ppb   |
| Sodium     | 23-2  | 27.14    | 25.28    | 25.61    | 26.01      | 3.81    | ppb   |
| Strontium  | 86-1  | -0.04    | 0.01     | -0.02    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.01     | 0.00     | 0.00       | 174.82  | ppb   |
| Sulfur     | 34-1  | -1850.18 | -1687.83 | -1772.29 | -1770.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 9.83    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.01     | 0.02       | 24.55   | ppb   |
| Tin        | 118-1 | -0.03    | -0.03    | -0.02    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03     | 0.00     | -0.01    | 0.01       | 283.16  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.01     | 0.01       | 44.84   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.37     | 0.38     | 0.29     | 0.35       | 13.03   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.46   | -0.78   | -0.30   | -0.51      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.03    | 0.03       | 12.68   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.01    | 0.01    | 0.00       | 347.05  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 142.71  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.82    | 0.73    | 1.07    | 1.21       | 45.84   | ppb   |
| Boron      | 11-1  | 1.08    | 1.16    | 0.82    | 1.02       | 17.30   | ppb   |
| Cadmium    | 111-1 | -0.56   | -0.48   | -0.54   | -0.53      |         | ppb   |
| Cadmium    | 106-1 | -7.30   | -6.41   | -7.17   | -6.96      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.02    | 0.02    | 0.03       | 77.28   | ppb   |
| Calcium    | 43-1  | -11.27  | -9.41   | -15.19  | -11.96     |         | ppb   |
| Calcium    | 44-1  | -10.79  | -9.41   | -10.78  | -10.33     |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.02    | 0.02    | 0.02       | 44.75   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 147.61  | ppb   |
| Copper     | 63-2  | 0.04    | 0.04    | 0.01    | 0.03       | 68.61   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.06    | 0.29    | 0.11    | 0.16       | 76.86   | ppb   |
| Iron       | 57-2  | -0.77   | -0.19   | 0.36    | -0.20      |         | ppb   |
| Lead       | 206-1 | 0.11    | 0.13    | 0.11    | 0.12       | 7.60    | ppb   |
| Lead       | 207-1 | 0.13    | 0.12    | 0.10    | 0.11       | 12.88   | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.12    | 0.12       | 3.72    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.08    | -0.01   | -0.07   | 0.00       | 3060.48 | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 578.49  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.01     | 0.00     | 0.00       | 128.57  | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.01     | 0.01     | 0.01       | 7.63    | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.01     | 0.01     | 0.01       | 48.00   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.01     | 0.01       | 27.18   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.01     | 0.01       | 37.17   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.01     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 4.19     | -7.69    | -17.55   | -7.02      |         | ppb   |
| Potassium  | 39-2  | 0.13     | -0.26    | -2.02    | -0.71      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.18     | -0.54    | -0.86    | -0.41      |         | ppb   |
| Selenium   | 82-1  | -0.03    | 0.30     | 0.40     | 0.22       | 102.29  | ppb   |
| Silicon    | 28-1  | -13.64   | -12.88   | -13.42   | -13.31     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 163.98  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 22.68    | 22.03    | 21.03    | 21.92      | 3.80    | ppb   |
| Strontium  | 86-1  | -0.04    | -0.03    | 0.00     | -0.03      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1670.82 | -1698.61 | -1757.09 | -1708.84   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 32.11   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 34.96   | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.05    | -0.02    | -0.03    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | -0.07    | 0.02     | 0.03     | -0.01      |         | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-07 Instrumnet Name : P7  
 Client Sample ID : DC14598-07-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:15:32 DataFile Name : 030SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.09   | 11.75   | 10.41   | 11.42      | 7.77    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.39    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.28    | 0.28    | 0.29       | 4.05    | ppb   |
| Barium     | 135-1 | 15.33   | 16.94   | 16.23   | 16.17      | 4.97    | ppb   |
| Barium     | 137-1 | 15.52   | 16.58   | 16.30   | 16.13      | 3.39    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.03    | 0.04    | 0.02       | 89.81   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.77    | 5.40    | 4.47    | 5.21       | 12.85   | ppb   |
| Boron      | 11-1  | 5.25    | 5.88    | 5.36    | 5.50       | 6.17    | ppb   |
| Cadmium    | 111-1 | -0.48   | -0.54   | -0.51   | -0.51      |         | ppb   |
| Cadmium    | 106-1 | -6.55   | -7.44   | -6.80   | -6.93      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.03   | 0.11    | 0.04       | 201.80  | ppb   |
| Calcium    | 43-1  | 5169.10 | 5310.52 | 5104.61 | 5194.74    | 2.03    | ppb   |
| Calcium    | 44-1  | 5144.83 | 5311.19 | 5199.99 | 5218.67    | 1.62    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.24    | 0.29    | 0.26       | 10.31   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 8.11    | ppb   |
| Copper     | 63-2  | 195.66  | 199.81  | 203.51  | 199.66     | 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  | 47.38   | 48.50   | 50.23   | 48.70      | 2.95    | ppb   |
| Iron       | 57-2  | 54.12   | 50.99   | 55.82   | 53.64      | 4.56    | ppb   |
| Lead       | 206-1 | 0.16    | 0.14    | 0.17    | 0.16       | 10.24   | ppb   |
| Lead       | 207-1 | 0.14    | 0.16    | 0.17    | 0.16       | 10.23   | ppb   |
| Lead       | 208-1 | 0.16    | 0.15    | 0.16    | 0.16       | 3.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1060.73 | 1089.02 | 1106.41 | 1085.39    | 2.12    | ppb   |
| Manganese  | 55-2  | 22.17   | 22.01   | 22.67   | 22.29      | 1.55    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:15:32   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08    | 0.07    | 0.06    | 0.07       | 12.64   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.05    | 0.04       | 26.78   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.04    | 0.05       | 9.74    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.06    | 0.05       | 22.36   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.04    | 0.04       | 13.26   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.76    | 0.71    | 0.74    | 0.74       | 3.43    | ppb   |
| Phosphorus | 31-2  | 647.00  | 612.67  | 662.90  | 640.86     | 4.01    | ppb   |
| Potassium  | 39-2  | 421.30  | 425.59  | 439.48  | 428.79     | 2.22    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.15    | 0.16    | -0.09   | 0.07       | 196.26  | ppb   |
| Selenium   | 78-2  | -0.02   | -0.03   | -0.48   | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.12    | 0.35    | 0.59    | 0.35       | 65.93   | ppb   |
| Silicon    | 28-1  | 818.62  | 846.78  | 833.63  | 833.01     | 1.69    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 30.71   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9033.61 | 9305.03 | 9400.89 | 9246.51    | 2.06    | ppb   |
| Strontium  | 86-1  | 17.27   | 18.49   | 17.80   | 17.85      | 3.44    | ppb   |
| Strontium  | 88-1  | 17.22   | 18.23   | 17.40   | 17.62      | 3.05    | ppb   |
| Sulfur     | 34-1  | -410.03 | -318.91 | -601.26 | -443.40    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 18.07   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.82   | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | 0.01    | 0.01       | 57.69   | ppb   |
| Titanium   | 47-1  | 0.34    | 0.58    | 0.45    | 0.46       | 26.20   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.24    | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.07    | 0.07    | 0.07       | 10.97   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.40   | 17.31   | 17.76   | 17.49      | 1.37    | ppb   |
| Zirconium  | 90-1  | 0.09    | 0.10    | 0.06    | 0.08       | 20.84   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:15:32   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.09    | 0.10    | 0.08    | 0.09       | 11.62   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.00    | 10.54   | 9.32    | 9.29       | 13.68   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.07       | 1.95    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.30    | 0.38    | 0.32       | 14.17   | ppb   |
| Barium     | 135-1 | 14.82   | 16.13   | 14.96   | 15.30      | 4.68    | ppb   |
| Barium     | 137-1 | 14.98   | 15.61   | 14.94   | 15.18      | 2.51    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.01       | 127.81  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.21    | 5.76    | 4.66    | 4.87       | 16.37   | ppb   |
| Boron      | 11-1  | 5.69    | 5.92    | 6.01    | 5.87       | 2.84    | ppb   |
| Cadmium    | 111-1 | -0.52   | -0.47   | -0.54   | -0.51      |         | ppb   |
| Cadmium    | 106-1 | -6.99   | -6.21   | -7.27   | -6.82      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 5058.21 | 5323.02 | 5112.71 | 5164.65    | 2.71    | ppb   |
| Calcium    | 44-1  | 5082.32 | 5289.23 | 5146.68 | 5172.74    | 2.05    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.35    | 0.35    | 0.34       | 6.75    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 27.88   | ppb   |
| Copper     | 63-2  | 176.42  | 179.47  | 181.72  | 179.20     | 1.49    | 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  | 35.86   | 35.98   | 36.03   | 35.96      | 0.25    | ppb   |
| Iron       | 57-2  | 41.22   | 38.57   | 40.63   | 40.14      | 3.47    | ppb   |
| Lead       | 206-1 | 0.08    | 0.11    | 0.09    | 0.09       | 15.48   | ppb   |
| Lead       | 207-1 | 0.06    | 0.09    | 0.07    | 0.07       | 21.21   | ppb   |
| Lead       | 208-1 | 0.08    | 0.10    | 0.08    | 0.09       | 13.39   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1055.70 | 1058.48 | 1082.61 | 1065.60    | 1.39    | ppb   |
| Manganese  | 55-2  | 15.36   | 15.29   | 15.47   | 15.37      | 0.58    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.05    | 0.05       | 12.20   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.05    | 0.05       | 7.97    | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.04    | 0.04       | 4.78    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.06    | 0.05       | 13.28   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.05    | 0.05    | 0.04       | 7.72    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.45    | 0.47    | 0.49    | 0.47       | 4.13    | ppb   |
| Phosphorus | 31-2  | 639.34  | 644.39  | 665.86  | 649.86     | 2.17    | ppb   |
| Potassium  | 39-2  | 420.32  | 427.18  | 433.82  | 427.11     | 1.58    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.16    | 0.66    | 0.24       | 158.04  | ppb   |
| Selenium   | 78-2  | -0.06   | -0.05   | -0.58   | -0.23      |         | ppb   |
| Selenium   | 82-1  | 0.48    | 0.54    | 0.51    | 0.51       | 5.76    | ppb   |
| Silicon    | 28-1  | 852.56  | 848.11  | 831.38  | 844.02     | 1.32    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 65.79   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 274.46  | ppb   |
| Sodium     | 23-2  | 9127.73 | 9114.93 | 9397.60 | 9213.42    | 1.73    | ppb   |
| Strontium  | 86-1  | 17.01   | 17.73   | 17.46   | 17.40      | 2.12    | ppb   |
| Strontium  | 88-1  | 16.76   | 17.44   | 16.92   | 17.04      | 2.08    | ppb   |
| Sulfur     | 34-1  | -370.19 | -140.09 | -295.75 | -268.68    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.02       | 28.63   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 4.58    | ppb   |
| Tin        | 118-1 | 0.01    | 0.17    | 0.02    | 0.07       | 135.55  | ppb   |
| Titanium   | 47-1  | 0.46    | 0.45    | 0.38    | 0.43       | 9.98    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.28   | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.06    | 0.06    | 0.05       | 15.20   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 12.62   | 12.33   | 12.74   | 12.56      | 1.67    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.05    | 0.05    | 0.05       | 9.93    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.07    | 0.05    | 0.06       | 18.87   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-09 Instrumnet Name : P7  
 Client Sample ID : DC14598-09-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:22:22 DataFile Name : 032SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.11   | 12.60   | 9.25    | 10.65      | 16.32   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.09    | 0.08    | 0.08       | 5.08    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.31    | 0.32    | 0.32       | 1.83    | ppb   |
| Barium     | 135-1 | 15.33   | 15.53   | 15.61   | 15.49      | 0.96    | ppb   |
| Barium     | 137-1 | 15.45   | 15.61   | 15.62   | 15.56      | 0.62    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.04    | 0.02       | 104.62  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.19    | 5.54    | 5.95    | 5.56       | 6.89    | ppb   |
| Boron      | 11-1  | 5.76    | 5.85    | 5.52    | 5.71       | 3.01    | ppb   |
| Cadmium    | 111-1 | -0.51   | -0.46   | -0.48   | -0.49      |         | ppb   |
| Cadmium    | 106-1 | -6.94   | -6.19   | -6.65   | -6.59      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.07    | 0.00    | 0.04       | 80.59   | ppb   |
| Calcium    | 43-1  | 5066.14 | 5128.17 | 5168.37 | 5120.89    | 1.01    | ppb   |
| Calcium    | 44-1  | 5115.85 | 5151.10 | 5202.06 | 5156.34    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.26    | 0.31    | 0.30    | 0.29       | 9.64    | ppb   |
| Cobalt     | 59-2  | 0.06    | 0.04    | 0.05    | 0.05       | 16.77   | ppb   |
| Copper     | 63-2  | 250.04  | 248.99  | 241.49  | 246.84     | 1.89    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.04   | 27.21   | 26.70   | 27.32      | 2.47    | ppb   |
| Iron       | 57-2  | 29.59   | 28.83   | 30.56   | 29.66      | 2.92    | ppb   |
| Lead       | 206-1 | 1.08    | 1.02    | 1.01    | 1.04       | 3.51    | ppb   |
| Lead       | 207-1 | 0.98    | 0.98    | 0.97    | 0.98       | 0.70    | ppb   |
| Lead       | 208-1 | 1.04    | 1.02    | 1.00    | 1.02       | 1.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.07 | 1090.49 | 1063.76 | 1084.11    | 1.66    | ppb   |
| Manganese  | 55-2  | 18.46   | 18.46   | 18.20   | 18.37      | 0.81    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-09-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:22:22   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.04    | 0.05       | 9.39    | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.03    | 0.04    | 0.03       | 36.63   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.05    | 0.04    | 0.05       | 13.47   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.05    | 0.03    | 0.04       | 42.44   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 5.23    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.26    | 7.38    | 7.11    | 7.25       | 1.85    | ppb   |
| Phosphorus | 31-2  | 554.37  | 576.10  | 601.33  | 577.27     | 4.07    | ppb   |
| Potassium  | 39-2  | 424.64  | 428.16  | 410.27  | 421.03     | 2.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.15    | 0.16    | -0.09   | 0.07       | 194.48  | ppb   |
| Selenium   | 78-2  | 0.15    | -0.33   | 0.81    | 0.21       | 274.48  | ppb   |
| Selenium   | 82-1  | 0.24    | 0.58    | 0.61    | 0.48       | 43.37   | ppb   |
| Silicon    | 28-1  | 810.08  | 813.07  | 831.97  | 818.37     | 1.45    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.00       | 28.31   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 134.87  | ppb   |
| Sodium     | 23-2  | 9292.34 | 9258.12 | 9152.94 | 9234.46    | 0.79    | ppb   |
| Strontium  | 86-1  | 17.36   | 17.19   | 17.13   | 17.23      | 0.69    | ppb   |
| Strontium  | 88-1  | 17.08   | 16.87   | 16.93   | 16.96      | 0.65    | ppb   |
| Sulfur     | 34-1  | -512.91 | -292.63 | -454.46 | -420.00    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.42   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.76    | ppb   |
| Tin        | 118-1 | 0.01    | 0.03    | 0.03    | 0.02       | 45.91   | ppb   |
| Titanium   | 47-1  | 0.41    | 0.37    | 0.50    | 0.43       | 16.25   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 37.46   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 2.34    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 233.64  | 232.22  | 226.98  | 230.95     | 1.52    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.05    | 0.06    | 0.05       | 16.29   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-09-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:22:22   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.06    | 0.05       | 31.70   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-10 Instrumnet Name : P7  
 Client Sample ID : DC14598-10-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:25:47 DataFile Name : 033SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 28.34   | 26.39   | 29.00   | 27.91      | 4.87    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.06    | 0.07    | 0.07       | 11.48   | ppb   |
| Arsenic    | 75-2  | 0.36    | 0.38    | 0.28    | 0.34       | 16.70   | ppb   |
| Barium     | 135-1 | 15.79   | 16.07   | 15.83   | 15.90      | 0.92    | ppb   |
| Barium     | 137-1 | 15.80   | 16.15   | 15.86   | 15.94      | 1.19    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.03    | 0.01       | 205.92  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 16.17   | 14.84   | 14.95   | 15.32      | 4.81    | ppb   |
| Boron      | 11-1  | 14.55   | 14.75   | 15.46   | 14.92      | 3.21    | ppb   |
| Cadmium    | 111-1 | -0.51   | -0.47   | -0.49   | -0.49      |         | ppb   |
| Cadmium    | 106-1 | -7.36   | -6.58   | -6.96   | -6.97      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.00    | 0.13    | 0.03       | 236.55  | ppb   |
| Calcium    | 43-1  | 4774.59 | 4724.75 | 4932.10 | 4810.48    | 2.25    | ppb   |
| Calcium    | 44-1  | 4784.71 | 4785.35 | 4853.35 | 4807.80    | 0.82    | ppb   |
| Chromium   | 52-2  | 0.39    | 0.36    | 0.41    | 0.39       | 5.76    | ppb   |
| Cobalt     | 59-2  | 0.52    | 0.52    | 0.50    | 0.51       | 2.49    | ppb   |
| Copper     | 63-2  | 289.75  | 291.59  | 289.46  | 290.27     | 0.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 124.96  | 124.55  | 123.49  | 124.33     | 0.61    | ppb   |
| Iron       | 57-2  | 131.60  | 128.51  | 127.98  | 129.36     | 1.51    | ppb   |
| Lead       | 206-1 | 0.83    | 0.85    | 0.83    | 0.84       | 1.78    | ppb   |
| Lead       | 207-1 | 0.77    | 0.81    | 0.76    | 0.78       | 3.35    | ppb   |
| Lead       | 208-1 | 0.81    | 0.82    | 0.81    | 0.81       | 1.02    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1628.88 | 1637.53 | 1615.02 | 1627.14    | 0.70    | ppb   |
| Manganese  | 55-2  | 57.99   | 57.49   | 57.37   | 57.61      | 0.58    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:25:47   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.05    | 0.06    | 0.06       | 3.06    | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.06    | 0.05    | 0.06       | 9.52    | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.06    | 0.06    | 0.06       | 4.32    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.04    | 0.04    | 0.05       | 32.07   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.05    | 0.05       | 6.56    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 21.74   | 21.74   | 21.27   | 21.58      | 1.26    | ppb   |
| Phosphorus | 31-2  | 564.76  | 447.01  | 461.49  | 491.09     | 13.08   | ppb   |
| Potassium  | 39-2  | 454.59  | 445.79  | 447.18  | 449.19     | 1.05    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.16    | -0.09   | 0.07       | 195.24  | ppb   |
| Selenium   | 78-2  | -0.28   | -0.20   | 0.02    | -0.15      |         | ppb   |
| Selenium   | 82-1  | 0.83    | 0.48    | 0.36    | 0.56       | 43.16   | ppb   |
| Silicon    | 28-1  | 966.75  | 945.69  | 967.43  | 959.95     | 1.29    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 44.93   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 81.22   | ppb   |
| Sodium     | 23-2  | 9576.18 | 9496.72 | 9449.34 | 9507.41    | 0.67    | ppb   |
| Strontium  | 86-1  | 16.54   | 16.22   | 16.38   | 16.38      | 0.97    | ppb   |
| Strontium  | 88-1  | 16.21   | 16.23   | 16.27   | 16.24      | 0.19    | ppb   |
| Sulfur     | 34-1  | -377.18 | -601.87 | -514.38 | -497.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.03    | 0.03       | 19.96   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.02    | 0.02       | 2.84    | ppb   |
| Tin        | 118-1 | 0.18    | 0.15    | 0.14    | 0.16       | 11.53   | ppb   |
| Titanium   | 47-1  | 0.82    | 0.82    | 0.95    | 0.86       | 8.93    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.73   | ppb   |
| Vanadium   | 51-2  | 0.13    | 0.11    | 0.13    | 0.12       | 7.79    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 159.51  | 158.54  | 156.24  | 158.10     | 1.06    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.06    | 0.03    | 0.05       | 33.32   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:25:47   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.05    | 0.04    | 0.05       | 13.23   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-11 Instrumnet Name : P7  
 Client Sample ID : DC14598-11-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:29:12 DataFile Name : 034SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.65   | 14.94   | 14.38   | 14.99      | 4.22    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.07    | 0.09    | 0.08       | 11.70   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.30    | 0.31    | 0.30       | 0.93    | ppb   |
| Barium     | 135-1 | 15.47   | 15.36   | 14.99   | 15.27      | 1.64    | ppb   |
| Barium     | 137-1 | 15.05   | 15.50   | 15.04   | 15.20      | 1.72    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.03    | 0.01       | 143.60  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 11.06   | 10.28   | 10.85   | 10.73      | 3.78    | ppb   |
| Boron      | 11-1  | 10.08   | 9.95    | 10.57   | 10.20      | 3.22    | ppb   |
| Cadmium    | 111-1 | -0.54   | -0.52   | -0.57   | -0.54      |         | ppb   |
| Cadmium    | 106-1 | -7.25   | -6.95   | -7.64   | -7.28      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.02    | 0.03    | 0.01       | 183.86  | ppb   |
| Calcium    | 43-1  | 4841.44 | 4911.55 | 4959.73 | 4904.24    | 1.21    | ppb   |
| Calcium    | 44-1  | 4888.96 | 4939.61 | 4901.70 | 4910.09    | 0.54    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.34    | 0.32    | 0.32       | 3.52    | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.27    | 0.25    | 0.26       | 4.93    | ppb   |
| Copper     | 63-2  | 156.21  | 155.25  | 154.54  | 155.33     | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 29.71   | 29.53   | 29.73   | 29.66      | 0.36    | ppb   |
| Iron       | 57-2  | 30.08   | 32.33   | 31.80   | 31.40      | 3.76    | ppb   |
| Lead       | 206-1 | 0.53    | 0.53    | 0.54    | 0.54       | 1.06    | ppb   |
| Lead       | 207-1 | 0.55    | 0.51    | 0.52    | 0.53       | 3.39    | ppb   |
| Lead       | 208-1 | 0.54    | 0.53    | 0.54    | 0.54       | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1379.10 | 1358.71 | 1364.47 | 1367.43    | 0.77    | ppb   |
| Manganese  | 55-2  | 14.19   | 14.08   | 14.45   | 14.24      | 1.36    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-11-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:29:12   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.06    | 0.05       | 8.97    | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.03    | 0.03    | 0.03       | 8.51    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.04    | 0.03       | 21.14   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.04    | 0.04    | 0.04       | 8.34    | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.03    | 0.03       | 13.10   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.11    | 2.19    | 2.11    | 2.14       | 2.16    | ppb   |
| Phosphorus | 31-2  | 565.01  | 540.47  | 518.16  | 541.21     | 4.33    | ppb   |
| Potassium  | 39-2  | 435.14  | 427.91  | 430.57  | 431.21     | 0.85    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.16    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.18    | 0.19    | 0.63    | 0.34       | 76.71   | ppb   |
| Selenium   | 82-1  | 0.13    | 0.54    | 0.36    | 0.34       | 60.05   | ppb   |
| Silicon    | 28-1  | 875.65  | 889.33  | 882.58  | 882.52     | 0.78    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.11   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 102.56  | ppb   |
| Sodium     | 23-2  | 9416.00 | 9372.54 | 9447.59 | 9412.05    | 0.40    | ppb   |
| Strontium  | 86-1  | 16.94   | 16.86   | 16.87   | 16.89      | 0.26    | ppb   |
| Strontium  | 88-1  | 16.92   | 16.70   | 16.76   | 16.79      | 0.68    | ppb   |
| Sulfur     | 34-1  | -621.70 | -504.43 | -561.06 | -562.40    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 20.40   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.63   | ppb   |
| Tin        | 118-1 | 0.00    | -0.01   | 0.01    | 0.00       | 659.64  | ppb   |
| Titanium   | 47-1  | 0.32    | 0.46    | 0.90    | 0.56       | 53.87   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.01    | 0.00       | 10.31   | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.09    | 0.07    | 0.08       | 12.61   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 34.99   | 34.41   | 35.72   | 35.04      | 1.88    | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.06    | 0.05    | 0.06       | 22.52   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-11-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:29:12   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.42    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-12 Instrumnet Name : P7  
 Client Sample ID : DC14598-12-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:32:37 DataFile Name : 035SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.21   | 10.32   | 9.00    | 11.17      | 24.22   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.07    | 0.04    | 0.05       | 25.03   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.26    | 0.30    | 0.29       | 9.47    | ppb   |
| Barium     | 135-1 | 16.02   | 16.22   | 16.01   | 16.08      | 0.74    | ppb   |
| Barium     | 137-1 | 15.94   | 16.03   | 15.99   | 15.99      | 0.26    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.04    | 0.00    | 0.01       | 125.40  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.44    | 5.44    | 5.27    | 5.39       | 1.84    | ppb   |
| Boron      | 11-1  | 5.26    | 5.38    | 5.33    | 5.32       | 1.18    | ppb   |
| Cadmium    | 111-1 | -0.50   | -0.55   | -0.56   | -0.54      |         | ppb   |
| Cadmium    | 106-1 | -6.83   | -7.36   | -7.43   | -7.20      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 5183.91 | 5195.17 | 5336.28 | 5238.46    | 1.62    | ppb   |
| Calcium    | 44-1  | 5241.46 | 5164.58 | 5323.70 | 5243.25    | 1.52    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.36    | 0.31    | 0.33       | 9.13    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 8.57    | ppb   |
| Copper     | 63-2  | 188.97  | 189.06  | 186.32  | 188.12     | 0.83    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 31.48   | 29.75   | 29.64   | 30.29      | 3.42    | ppb   |
| Iron       | 57-2  | 34.32   | 32.40   | 34.09   | 33.60      | 3.11    | ppb   |
| Lead       | 206-1 | 0.11    | 0.08    | 0.11    | 0.10       | 15.92   | ppb   |
| Lead       | 207-1 | 0.10    | 0.09    | 0.07    | 0.09       | 13.89   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.10    | 0.10       | 1.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1098.70 | 1091.17 | 1097.36 | 1095.74    | 0.37    | ppb   |
| Manganese  | 55-2  | 16.85   | 16.67   | 16.34   | 16.62      | 1.56    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-12-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:32:37   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.04    | 0.03    | 0.04       | 28.36   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.04    | 0.04       | 14.28   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.03    | 0.04       | 15.63   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.05    | 0.04       | 22.79   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.05    | 0.04    | 0.04       | 14.42   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.56    | 0.47    | 0.55    | 0.53       | 9.46    | ppb   |
| Phosphorus | 31-2  | 665.32  | 647.38  | 605.82  | 639.51     | 4.77    | ppb   |
| Potassium  | 39-2  | 431.84  | 427.41  | 430.23  | 429.83     | 0.52    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.15    | -0.09   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.07   | -0.17   | -0.54   | -0.26      |         | ppb   |
| Selenium   | 82-1  | 0.64    | 0.69    | 0.56    | 0.63       | 10.73   | ppb   |
| Silicon    | 28-1  | 836.42  | 820.71  | 870.79  | 842.64     | 3.04    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 23.90   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9441.38 | 9379.44 | 9264.56 | 9361.79    | 0.96    | ppb   |
| Strontium  | 86-1  | 17.64   | 17.02   | 17.54   | 17.40      | 1.93    | ppb   |
| Strontium  | 88-1  | 17.54   | 17.07   | 17.47   | 17.36      | 1.46    | ppb   |
| Sulfur     | 34-1  | -354.41 | -443.22 | -115.48 | -304.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.95    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 21.44   | ppb   |
| Tin        | 118-1 | 0.00    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.47    | 0.51    | 0.66    | 0.54       | 18.46   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.00    | 0.01       | 26.52   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 6.34    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.87   | 12.04   | 11.51   | 11.81      | 2.29    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.04    | 0.03       | 13.88   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-12-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:32:37   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.06    | 0.05    | 0.05       | 9.93    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.47   | 18.77   | 22.69   | 19.98      | 11.79   | ppb   |
| Antimony   | 121-1 | 0.17    | 0.20    | 0.20    | 0.19       | 9.74    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.28    | 0.29    | 0.27       | 11.31   | ppb   |
| Barium     | 135-1 | 15.55   | 16.12   | 15.22   | 15.63      | 2.91    | ppb   |
| Barium     | 137-1 | 15.55   | 15.81   | 15.24   | 15.53      | 1.83    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 64.03   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.30    | 9.12    | 8.18    | 8.20       | 11.11   | ppb   |
| Boron      | 11-1  | 8.68    | 8.38    | 8.69    | 8.58       | 2.02    | ppb   |
| Cadmium    | 111-1 | -0.66   | -0.60   | -0.49   | -0.58      |         | ppb   |
| Cadmium    | 106-1 | -8.95   | -8.28   | -6.84   | -8.02      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.56    | ppb   |
| Calcium    | 43-1  | 5016.13 | 5044.26 | 4828.64 | 4963.01    | 2.36    | ppb   |
| Calcium    | 44-1  | 5012.10 | 5022.18 | 4888.21 | 4974.16    | 1.50    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.33    | 0.36    | 0.34       | 5.73    | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.15    | 0.18    | 0.16       | 11.60   | ppb   |
| Copper     | 63-2  | 336.88  | 334.59  | 340.98  | 337.48     | 0.96    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 74.88   | 75.11   | 77.16   | 75.72      | 1.66    | ppb   |
| Iron       | 57-2  | 82.31   | 81.83   | 81.75   | 81.96      | 0.37    | ppb   |
| Lead       | 206-1 | 2.39    | 2.35    | 2.29    | 2.34       | 2.03    | ppb   |
| Lead       | 207-1 | 2.22    | 2.17    | 2.12    | 2.17       | 2.37    | ppb   |
| Lead       | 208-1 | 2.33    | 2.29    | 2.22    | 2.28       | 2.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1569.47 | 1546.14 | 1594.59 | 1570.07    | 1.54    | ppb   |
| Manganese  | 55-2  | 39.71   | 39.98   | 40.68   | 40.12      | 1.25    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.05    | 0.04    | 0.05       | 17.46   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.03    | 0.04       | 17.32   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.04    | 0.05    | 0.04       | 9.98    | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.03    | 0.04    | 0.04       | 22.22   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.05    | 0.04       | 15.79   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 11.09   | 11.02   | 11.07   | 11.06      | 0.32    | ppb   |
| Phosphorus | 31-2  | 595.71  | 602.80  | 559.18  | 585.90     | 3.99    | ppb   |
| Potassium  | 39-2  | 431.07  | 419.18  | 427.04  | 425.76     | 1.42    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.41    | 0.07       | 388.80  | ppb   |
| Selenium   | 78-2  | -0.15   | -0.03   | 0.01    | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.80    | 0.40    | 0.00    | 0.40       | 101.22  | ppb   |
| Silicon    | 28-1  | 978.72  | 902.52  | 883.09  | 921.44     | 5.49    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.00    | 0.01       | 50.79   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 79.52   | ppb   |
| Sodium     | 23-2  | 9326.08 | 9208.20 | 9458.11 | 9330.79    | 1.34    | ppb   |
| Strontium  | 86-1  | 16.55   | 16.60   | 16.34   | 16.49      | 0.83    | ppb   |
| Strontium  | 88-1  | 16.52   | 16.52   | 16.14   | 16.39      | 1.33    | ppb   |
| Sulfur     | 34-1  | -571.06 | -458.92 | -761.13 | -597.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.30   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.97    | ppb   |
| Tin        | 118-1 | 0.05    | 0.04    | 0.04    | 0.04       | 14.51   | ppb   |
| Titanium   | 47-1  | 0.57    | 0.64    | 0.58    | 0.60       | 6.09    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.46    | ppb   |
| Vanadium   | 51-2  | 0.09    | 0.08    | 0.11    | 0.09       | 16.18   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 206.16  | 204.47  | 205.88  | 205.50     | 0.44    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.05    | 0.04    | 0.04       | 9.20    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 16.22   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.83   | 12.45   | 10.97   | 11.42      | 7.89    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.06    | 0.07       | 13.31   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.27    | 0.28       | 4.07    | ppb   |
| Barium     | 135-1 | 14.89   | 14.37   | 14.52   | 14.59      | 1.85    | ppb   |
| Barium     | 137-1 | 14.80   | 14.37   | 14.33   | 14.50      | 1.80    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.01    | 0.01    | 0.02       | 79.91   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.83    | 4.66    | 7.37    | 5.62       | 27.06   | ppb   |
| Boron      | 11-1  | 4.94    | 5.42    | 5.69    | 5.35       | 7.10    | ppb   |
| Cadmium    | 111-1 | -0.48   | -0.50   | -0.53   | -0.50      |         | ppb   |
| Cadmium    | 106-1 | -6.54   | -6.73   | -7.05   | -6.77      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.00    | 0.03    | 0.02       | 82.87   | ppb   |
| Calcium    | 43-1  | 5222.40 | 5011.21 | 5029.36 | 5087.66    | 2.30    | ppb   |
| Calcium    | 44-1  | 5208.33 | 5033.43 | 5043.25 | 5095.00    | 1.93    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.28    | 0.29    | 0.28       | 3.03    | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.05    | 0.05       | 12.92   | ppb   |
| Copper     | 63-2  | 272.95  | 274.27  | 275.17  | 274.13     | 0.41    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 45.01   | 44.36   | 45.24   | 44.87      | 1.02    | ppb   |
| Iron       | 57-2  | 47.44   | 44.46   | 51.09   | 47.66      | 6.97    | ppb   |
| Lead       | 206-1 | 0.50    | 0.47    | 0.46    | 0.48       | 4.59    | ppb   |
| Lead       | 207-1 | 0.47    | 0.44    | 0.42    | 0.44       | 5.40    | ppb   |
| Lead       | 208-1 | 0.49    | 0.46    | 0.46    | 0.47       | 3.40    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1108.16 | 1127.23 | 1140.10 | 1125.16    | 1.43    | ppb   |
| Manganese  | 55-2  | 20.44   | 20.65   | 21.00   | 20.70      | 1.37    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.03    | 0.04       | 8.34    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.04    | 0.03       | 14.44   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.03    | 0.03       | 13.93   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.05    | 0.03    | 0.04       | 25.19   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.02    | 0.03       | 31.79   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.80    | 1.60    | 1.62    | 1.67       | 6.38    | ppb   |
| Phosphorus | 31-2  | 661.12  | 615.33  | 651.64  | 642.70     | 3.76    | ppb   |
| Potassium  | 39-2  | 429.26  | 431.10  | 445.83  | 435.40     | 2.09    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.16    | 0.16    | 0.07       | 195.28  | ppb   |
| Selenium   | 78-2  | -0.65   | 0.58    | 0.24    | 0.06       | 1085.59 | ppb   |
| Selenium   | 82-1  | 1.03    | 0.20    | 0.41    | 0.55       | 78.69   | ppb   |
| Silicon    | 28-1  | 863.85  | 830.55  | 837.48  | 843.96     | 2.08    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.00       | 65.89   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 105.68  | ppb   |
| Sodium     | 23-2  | 9331.49 | 9394.57 | 9519.38 | 9415.15    | 1.02    | ppb   |
| Strontium  | 86-1  | 17.07   | 16.57   | 16.49   | 16.71      | 1.89    | ppb   |
| Strontium  | 88-1  | 16.88   | 16.15   | 16.36   | 16.46      | 2.30    | ppb   |
| Sulfur     | 34-1  | -244.70 | -568.10 | -462.93 | -425.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.98   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.68   | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.05    | 0.04       | 12.21   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.46    | 1.04    | 0.62       | 59.78   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 55.46   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 7.64    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 41.30   | 41.25   | 41.18   | 41.24      | 0.14    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.11    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 18.85   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-15 Instrumnet Name : P7  
 Client Sample ID : DC14598-15-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:42:54 DataFile Name : 038SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.61    | 2.54    | 3.19    | 2.78       | 12.89   | ppb   |
| Antimony   | 121-1 | 0.03    | 0.03    | 0.04    | 0.03       | 13.24   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.06    | 0.05    | 0.05       | 13.49   | ppb   |
| Barium     | 135-1 | 0.46    | 0.44    | 0.41    | 0.44       | 6.51    | ppb   |
| Barium     | 137-1 | 0.40    | 0.38    | 0.40    | 0.39       | 3.13    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.04    | 0.02       | 131.84  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.02    | 2.10    | 1.86    | 1.99       | 6.13    | ppb   |
| Boron      | 11-1  | 2.78    | 2.19    | 2.47    | 2.48       | 11.78   | ppb   |
| Cadmium    | 111-1 | -0.53   | -0.54   | -0.49   | -0.52      |         | ppb   |
| Cadmium    | 106-1 | -7.16   | -7.22   | -6.54   | -6.97      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.08    | 0.06    | 0.06       | 42.12   | ppb   |
| Calcium    | 43-1  | 4821.63 | 4750.53 | 4748.52 | 4773.56    | 0.87    | ppb   |
| Calcium    | 44-1  | 4812.38 | 4769.26 | 4745.99 | 4775.88    | 0.71    | ppb   |
| Chromium   | 52-2  | 0.26    | 0.24    | 0.22    | 0.24       | 7.11    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 33.64   | ppb   |
| Copper     | 63-2  | 223.54  | 222.93  | 221.45  | 222.64     | 0.48    | 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  | 18.91   | 19.27   | 18.64   | 18.94      | 1.68    | ppb   |
| Iron       | 57-2  | 23.24   | 21.54   | 21.28   | 22.02      | 4.84    | ppb   |
| Lead       | 206-1 | 1.66    | 1.62    | 1.68    | 1.65       | 2.09    | ppb   |
| Lead       | 207-1 | 1.41    | 1.42    | 1.46    | 1.43       | 1.58    | ppb   |
| Lead       | 208-1 | 1.52    | 1.54    | 1.55    | 1.54       | 0.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1074.48 | 1079.43 | 1082.00 | 1078.63    | 0.35    | ppb   |
| Manganese  | 55-2  | 1.47    | 1.46    | 1.42    | 1.45       | 1.80    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-15-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:42:54  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.51   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | 130.17  | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.01    | 0.00    | 0.01       | 78.86   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | 0.00    | 0.01       | 121.59  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | 0.00    | 0.00       | 131.26  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.63    | 0.73    | 0.65    | 0.67       | 8.02    | ppb   |
| Phosphorus | 31-2  | 27.99   | 17.43   | 7.51    | 17.64      | 58.04   | ppb   |
| Potassium  | 39-2  | 455.34  | 449.77  | 451.49  | 452.20     | 0.63    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.40    | 0.07       | 391.56  | ppb   |
| Selenium   | 78-2  | 0.22    | -0.32   | -0.33   | -0.14      |         | ppb   |
| Selenium   | 82-1  | 0.51    | 0.55    | 0.80    | 0.62       | 25.85   | ppb   |
| Silicon    | 28-1  | 1113.79 | 1105.32 | 1098.27 | 1105.79    | 0.70    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 47.88   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9682.14 | 9585.56 | 9549.63 | 9605.78    | 0.71    | ppb   |
| Strontium  | 86-1  | 15.08   | 14.99   | 15.33   | 15.13      | 1.20    | ppb   |
| Strontium  | 88-1  | 15.04   | 15.22   | 15.11   | 15.12      | 0.60    | ppb   |
| Sulfur     | 34-1  | -324.51 | -523.36 | -475.48 | -441.12    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.02    | 0.02       | 15.48   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.02       | 27.27   | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.02    | 0.01       | 271.33  | ppb   |
| Titanium   | 47-1  | 0.04    | 0.00    | 0.14    | 0.06       | 110.62  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 25.36   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 186.38  | 186.55  | 185.14  | 186.02     | 0.41    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 9.63    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-15-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:42:54  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.02    | 0.03       | 36.88   | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-16 Instrumnet Name : P7  
 Client Sample ID : DC14598-16-BS-H-W4-B Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:46:18 DataFile Name : 039SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.41    | 2.40    | 4.22    | 3.01       | 34.80   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 2.32    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.05    | 0.06    | 0.06       | 12.92   | ppb   |
| Barium     | 135-1 | 0.40    | 0.40    | 0.35    | 0.39       | 7.75    | ppb   |
| Barium     | 137-1 | 0.41    | 0.36    | 0.34    | 0.37       | 9.15    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.00    | 0.01       | 56.55   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.29    | 2.35    | 2.07    | 2.24       | 6.64    | ppb   |
| Boron      | 11-1  | 2.57    | 2.61    | 2.51    | 2.56       | 1.92    | ppb   |
| Cadmium    | 111-1 | -0.55   | -0.61   | -0.56   | -0.57      |         | ppb   |
| Cadmium    | 106-1 | -7.29   | -8.16   | -7.55   | -7.67      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4426.12 | 4416.14 | 4486.32 | 4442.86    | 0.85    | ppb   |
| Calcium    | 44-1  | 4503.47 | 4482.35 | 4511.67 | 4499.16    | 0.34    | ppb   |
| Chromium   | 52-2  | 0.23    | 0.22    | 0.24    | 0.23       | 4.64    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.00       | 37.68   | ppb   |
| Copper     | 63-2  | 174.15  | 174.20  | 172.46  | 173.60     | 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  | 17.32   | 16.85   | 16.96   | 17.04      | 1.44    | ppb   |
| Iron       | 57-2  | 19.73   | 22.24   | 20.81   | 20.93      | 6.00    | ppb   |
| Lead       | 206-1 | 0.27    | 0.27    | 0.29    | 0.28       | 3.36    | ppb   |
| Lead       | 207-1 | 0.22    | 0.20    | 0.23    | 0.21       | 7.55    | ppb   |
| Lead       | 208-1 | 0.25    | 0.24    | 0.25    | 0.25       | 2.21    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1018.04 | 1012.14 | 1017.91 | 1016.03    | 0.33    | ppb   |
| Manganese  | 55-2  | 1.10    | 1.09    | 1.10    | 1.09       | 0.57    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-16-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:46:18  | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.03    | 0.02       | 21.45   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | 0.01    | 0.01       | 57.04   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | 0.00    | 0.00       | 76.14   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | 5.25    | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | 94.37   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.49    | 0.44    | 0.44    | 0.46       | 5.76    | ppb   |
| Phosphorus | 31-2  | 24.60   | 29.12   | 25.07   | 26.26      | 9.46    | ppb   |
| Potassium  | 39-2  | 422.23  | 428.83  | 424.27  | 425.11     | 0.79    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.41    | 0.07       | 387.20  | ppb   |
| Selenium   | 78-2  | 0.15    | 0.52    | -0.55   | 0.04       | 1423.03 | ppb   |
| Selenium   | 82-1  | -0.02   | -0.05   | 0.45    | 0.13       | 217.75  | ppb   |
| Silicon    | 28-1  | 1061.73 | 1048.21 | 1079.41 | 1063.12    | 1.47    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 33.91   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9212.88 | 9296.15 | 9225.02 | 9244.68    | 0.49    | ppb   |
| Strontium  | 86-1  | 14.38   | 14.26   | 14.52   | 14.39      | 0.88    | ppb   |
| Strontium  | 88-1  | 14.17   | 14.35   | 14.27   | 14.26      | 0.64    | ppb   |
| Sulfur     | 34-1  | -667.93 | -651.31 | -510.13 | -609.79    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.47   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 26.60   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.84    | ppb   |
| Titanium   | 47-1  | 0.11    | 0.06    | 0.10    | 0.09       | 27.67   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.00    | 0.01       | 65.89   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 18.35   | 18.24   | 18.54   | 18.37      | 0.81    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 29.91   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-16-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:46:18  | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 29.84   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.18    | -0.74   | -0.47   | -0.34      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.58   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.01    | 0.01       | 76.03   | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.65    | 0.82    | 0.88    | 0.78       | 15.30   | ppb   |
| Boron      | 11-1  | 0.62    | 0.87    | 0.93    | 0.81       | 19.91   | ppb   |
| Cadmium    | 111-1 | -0.55   | -0.61   | -0.58   | -0.58      |         | ppb   |
| Cadmium    | 106-1 | -7.27   | -8.04   | -7.72   | -7.68      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.03    | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 3.05    | 1.94    | 2.73    | 2.57       | 22.21   | ppb   |
| Calcium    | 44-1  | -2.80   | -1.63   | -2.94   | -2.46      |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.07    | 0.05       | 47.48   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 100.45  | ppb   |
| Copper     | 63-2  | 0.04    | 0.05    | 0.02    | 0.03       | 38.35   | 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  | 0.28    | 0.32    | 0.32    | 0.31       | 6.77    | ppb   |
| Iron       | 57-2  | 0.33    | -0.40   | -0.46   | -0.18      |         | ppb   |
| Lead       | 206-1 | 464.18  | 468.28  | 466.66  | 466.38     | 0.44    | ppb   |
| Lead       | 207-1 | 464.65  | 466.61  | 466.23  | 465.83     | 0.22    | ppb   |
| Lead       | 208-1 | 487.98  | 490.45  | 488.72  | 489.05     | 0.26    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.00    | 0.06    | 0.13    | 0.06       | 98.85   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.01    | 0.02       | 23.37   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.00     | 0.00     | 0.03       | 165.22  | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.01     | 0.00       | 581.26  | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.01     | 0.00     | 0.00       | 152.75  | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.00     | 0.00       | 112.95  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.01     | 0.00     | 0.00       | 269.27  | ppb   |
| Phosphorus | 31-2  | -13.98   | 7.83     | -4.51    | -3.55      |         | ppb   |
| Potassium  | 39-2  | -1.80    | 1.58     | -3.44    | -1.22      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | 0.41     | 0.16       | 158.74  | ppb   |
| Selenium   | 78-2  | -0.21    | -0.76    | 0.15     | -0.27      |         | ppb   |
| Selenium   | 82-1  | 0.41     | 0.52     | 0.36     | 0.43       | 18.54   | ppb   |
| Silicon    | 28-1  | -10.86   | -9.76    | -10.40   | -10.34     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.00       | 149.90  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 18.43    | 19.10    | 18.69    | 18.74      | 1.79    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.04    | -0.01    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 785.08  | ppb   |
| Sulfur     | 34-1  | -1916.18 | -1982.55 | -1964.61 | -1954.45   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.63    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.31   | ppb   |
| Tin        | 118-1 | -0.03    | -0.04    | -0.02    | -0.03      |         | ppb   |
| Titanium   | 47-1  | -0.04    | 0.04     | -0.04    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.01     | 0.01       | 82.29   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.43     | 0.31     | 0.29     | 0.35       | 22.10   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | 534.26  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.85   | -0.85   | 10.47   | 2.92       | 223.38   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 47.42    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.03    | 1.51    | 0.51       | 167.33   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |          | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | -0.01      |          | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | 0.02    | 0.00       | 261.70   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 0.40    | 0.62    | 1.30    | 0.77       | 60.81    | ppb   |
| Boron      | 11-1  | 0.55    | 0.51    | 0.53    | 0.53       | 3.31     | ppb   |
| Cadmium    | 111-1 | -0.59   | -0.57   | -0.59   | -0.58      |          | ppb   |
| Cadmium    | 106-1 | -7.85   | -7.61   | -7.83   | -7.76      |          | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.01   | -0.03   | -0.03      |          | ppb   |
| Calcium    | 43-1  | -13.82  | -12.80  | -10.30  | -12.31     |          | ppb   |
| Calcium    | 44-1  | -14.24  | -12.94  | -14.23  | -13.80     |          | ppb   |
| Chromium   | 52-2  | 0.00    | 0.22    | 8.84    | 3.02       | 166.81   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.17    | 0.06       | 172.29   | ppb   |
| Copper     | 63-2  | 0.04    | 0.07    | 4.82    | 1.64       | 167.44   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         |            |          | %     |
| Holmium    | 165-2 |         |         |         |            |          | %     |
| Indium     | 115-1 |         |         |         |            |          | %     |
| Indium     | 115-2 |         |         |         |            |          | %     |
| Iron       | 56-2  | 0.19    | 0.58    | 30.55   | 10.44      | 166.84   | ppb   |
| Iron       | 57-2  | 0.10    | 0.72    | 65.64   | 22.15      | 170.00   | ppb   |
| Lead       | 206-1 | 0.00    | 0.03    | 0.00    | 0.01       | 205.56   | ppb   |
| Lead       | 207-1 | 0.00    | 0.01    | -0.01   | 0.00       | 49998.10 | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | -0.01   | 0.01       | 180.30   | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | -0.12   | 0.01    | 11.26   | 3.72       | 175.83   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.47    | 0.16       | 171.47   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.00     | 0.00       | 312.78  | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.01     | 0.00     | 0.00       | 285.94  | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | 0.00     | 0.00       | 1050.17 | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.01     | 0.00     | 0.00       | 169.18  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | 0.01     | 0.66     | 0.22       | 173.05  | ppb   |
| Phosphorus | 31-2  | -14.15   | -8.61    | 862.16   | 279.80     | 180.25  | ppb   |
| Potassium  | 39-2  | -4.51    | 33.09    | 2690.44  | 906.34     | 170.49  | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.10     | 0.36     | 217.86   | 72.77      | 172.66  | ppb   |
| Selenium   | 82-1  | 0.14     | 0.56     | 0.49     | 0.40       | 56.59   | ppb   |
| Silicon    | 28-1  | -14.97   | -14.14   | -15.74   | -14.95     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 139.30  | ppb   |
| Silver     | 107-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 17.15    | 33.26    | 961.10   | 337.17     | 160.27  | ppb   |
| Strontium  | 86-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1838.33 | -1846.98 | -1992.82 | -1892.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.02     | 0.01     | 0.01       | 94.85   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 18.92   | ppb   |
| Tin        | 118-1 | -0.03    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.04     | -0.03    | -0.08    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.10     | 0.03       | 157.62  | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | -0.01    | 0.01     | 2.56     | 0.85       | 172.87  | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

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

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.86   | 23.53   | 13.92   | 17.10      | 32.53   | ppb   |
| Antimony   | 121-1 | 0.15    | 0.14    | 0.14    | 0.14       | 1.79    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.30    | 0.28    | 0.30       | 4.82    | ppb   |
| Barium     | 135-1 | 14.90   | 14.75   | 15.27   | 14.97      | 1.80    | ppb   |
| Barium     | 137-1 | 14.60   | 14.86   | 14.84   | 14.76      | 0.98    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.02    | 0.01       | 123.94  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.88    | 6.36    | 7.80    | 6.68       | 15.01   | ppb   |
| Boron      | 11-1  | 6.63    | 6.96    | 6.69    | 6.76       | 2.60    | ppb   |
| Cadmium    | 111-1 | -0.53   | -0.58   | -0.52   | -0.54      |         | ppb   |
| Cadmium    | 106-1 | -7.27   | -7.88   | -7.04   | -7.39      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.05    | 0.02    | 0.03       | 47.52   | ppb   |
| Calcium    | 43-1  | 4948.15 | 5057.73 | 4978.58 | 4994.82    | 1.13    | ppb   |
| Calcium    | 44-1  | 4959.09 | 5061.71 | 4977.77 | 4999.53    | 1.09    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.35    | 0.33    | 0.34       | 2.20    | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.11    | 0.15    | 0.13       | 12.46   | ppb   |
| Copper     | 63-2  | 182.11  | 181.27  | 184.31  | 182.56     | 0.86    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 38.52   | 38.08   | 39.20   | 38.60      | 1.46    | ppb   |
| Iron       | 57-2  | 40.16   | 46.79   | 42.21   | 43.05      | 7.89    | ppb   |
| Lead       | 206-1 | 0.58    | 0.60    | 0.64    | 0.60       | 4.62    | ppb   |
| Lead       | 207-1 | 0.57    | 0.54    | 0.60    | 0.57       | 4.92    | ppb   |
| Lead       | 208-1 | 0.58    | 0.58    | 0.60    | 0.58       | 1.83    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1371.94 | 1371.34 | 1380.93 | 1374.74    | 0.39    | ppb   |
| Manganese  | 55-2  | 18.11   | 18.19   | 18.39   | 18.23      | 0.80    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.04    | 0.03    | 0.04       | 25.92   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.03    | 0.04       | 27.31   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.04    | 0.03       | 13.79   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.03    | 0.03       | 6.21    | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.05    | 0.03    | 0.03       | 32.66   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.98    | 0.94    | 0.87    | 0.93       | 6.10    | ppb   |
| Phosphorus | 31-2  | 595.50  | 558.48  | 627.95  | 593.98     | 5.85    | ppb   |
| Potassium  | 39-2  | 432.82  | 432.66  | 434.59  | 433.36     | 0.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.65    | -0.09   | 0.15       | 276.90  | ppb   |
| Selenium   | 78-2  | 0.63    | 0.38    | -0.04   | 0.32       | 104.72  | ppb   |
| Selenium   | 82-1  | 0.44    | 0.50    | 0.76    | 0.57       | 29.77   | ppb   |
| Silicon    | 28-1  | 825.55  | 842.81  | 818.73  | 829.03     | 1.50    | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.00       | 42.03   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9406.37 | 9480.84 | 9540.23 | 9475.82    | 0.71    | ppb   |
| Strontium  | 86-1  | 16.65   | 16.54   | 16.49   | 16.56      | 0.50    | ppb   |
| Strontium  | 88-1  | 16.55   | 16.33   | 16.33   | 16.40      | 0.77    | ppb   |
| Sulfur     | 34-1  | -773.49 | -725.10 | -836.69 | -778.43    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.03    | 0.02    | 0.02       | 39.01   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.03    | 0.03       | 11.98   | ppb   |
| Tin        | 118-1 | 0.05    | 0.04    | 0.02    | 0.04       | 49.20   | ppb   |
| Titanium   | 47-1  | 0.49    | 0.46    | 0.42    | 0.46       | 7.74    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.09   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.07    | 0.07       | 5.58    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 50.99   | 52.23   | 51.32   | 51.51      | 1.25    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.03    | 0.04    | 0.03       | 13.59   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.04       | 18.46   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-18 Instrumnet Name : P7  
 Client Sample ID : DC14598-18-FL1-BR1-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:59:59 DataFile Name : 043SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 33.74   | 33.61   | 33.49   | 33.61      | 0.37    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.11    | 0.09    | 0.11       | 12.31   | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.28    | 0.30    | 0.30       | 6.06    | ppb   |
| Barium     | 135-1 | 14.13   | 14.49   | 14.11   | 14.24      | 1.50    | ppb   |
| Barium     | 137-1 | 14.20   | 14.31   | 14.22   | 14.24      | 0.41    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.03    | 0.02       | 55.06   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.06    | 6.00    | 6.29    | 6.12       | 2.50    | ppb   |
| Boron      | 11-1  | 6.16    | 6.36    | 6.24    | 6.25       | 1.56    | ppb   |
| Cadmium    | 111-1 | -0.58   | -0.54   | -0.59   | -0.57      |         | ppb   |
| Cadmium    | 106-1 | -7.78   | -7.20   | -7.81   | -7.60      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.01   | 0.05    | 0.01       | 285.81  | ppb   |
| Calcium    | 43-1  | 4971.24 | 4877.51 | 4926.07 | 4924.94    | 0.95    | ppb   |
| Calcium    | 44-1  | 4999.34 | 4913.75 | 4974.36 | 4962.48    | 0.89    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.32    | 0.32    | 0.33       | 5.02    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.08    | 0.07    | 0.08       | 5.51    | ppb   |
| Copper     | 63-2  | 190.14  | 190.61  | 189.88  | 190.21     | 0.19    | 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  | 34.07   | 34.09   | 36.03   | 34.73      | 3.23    | ppb   |
| Iron       | 57-2  | 39.17   | 37.81   | 35.60   | 37.53      | 4.79    | ppb   |
| Lead       | 206-1 | 0.31    | 0.29    | 0.29    | 0.29       | 3.60    | ppb   |
| Lead       | 207-1 | 0.25    | 0.26    | 0.26    | 0.26       | 1.47    | ppb   |
| Lead       | 208-1 | 0.28    | 0.28    | 0.28    | 0.28       | 1.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1283.73 | 1277.21 | 1280.69 | 1280.54    | 0.26    | ppb   |
| Manganese  | 55-2  | 15.00   | 14.92   | 14.80   | 14.91      | 0.68    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-18-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:59:59  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.04    | 0.03       | 13.03   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 13.54   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.03    | 0.03       | 21.37   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.03    | 0.03       | 15.45   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.03    | 0.03       | 19.41   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.62    | 0.55    | 0.53    | 0.57       | 8.47    | ppb   |
| Phosphorus | 31-2  | 604.81  | 599.88  | 634.19  | 612.96     | 3.03    | ppb   |
| Potassium  | 39-2  | 432.12  | 433.65  | 428.06  | 431.28     | 0.67    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.40    | 0.16    | 0.24       | 60.04   | ppb   |
| Selenium   | 78-2  | -0.32   | 0.16    | -0.17   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.46    | 0.45    | 0.67    | 0.52       | 23.49   | ppb   |
| Silicon    | 28-1  | 831.86  | 826.07  | 835.85  | 831.26     | 0.59    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 45.78   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 294.12  | ppb   |
| Sodium     | 23-2  | 9459.63 | 9251.12 | 9408.24 | 9372.99    | 1.16    | ppb   |
| Strontium  | 86-1  | 16.63   | 16.80   | 16.27   | 16.57      | 1.62    | ppb   |
| Strontium  | 88-1  | 16.53   | 16.24   | 16.22   | 16.33      | 1.07    | ppb   |
| Sulfur     | 34-1  | -597.10 | -778.73 | -826.14 | -733.99    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 26.52   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 20.88   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.71   | ppb   |
| Titanium   | 47-1  | 0.43    | 0.44    | 0.83    | 0.57       | 40.03   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.42   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.06    | 0.06       | 9.53    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 21.23   | 21.71   | 21.18   | 21.37      | 1.36    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.03    | 0.03    | 0.03       | 13.22   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-18-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:59:59  | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.05    | 0.02    | 0.04       | 44.99   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-19 Instrumnet Name : P7  
 Client Sample ID : DC14598-19-FL1-BR2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:03:24 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.12   | 9.71    | 10.55   | 10.79      | 11.35   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.10    | 0.10    | 0.09       | 3.83    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.26    | 0.27       | 5.65    | ppb   |
| Barium     | 135-1 | 14.81   | 14.74   | 14.37   | 14.64      | 1.60    | ppb   |
| Barium     | 137-1 | 14.42   | 14.55   | 14.43   | 14.47      | 0.48    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.01    | 0.01       | 32.49   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.36    | 6.74    | 6.18    | 6.09       | 11.40   | ppb   |
| Boron      | 11-1  | 5.73    | 6.04    | 6.21    | 5.99       | 4.09    | ppb   |
| Cadmium    | 111-1 | -0.56   | -0.59   | -0.55   | -0.57      |         | ppb   |
| Cadmium    | 106-1 | -7.49   | -7.88   | -7.39   | -7.59      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.03   | 0.00    | 0.00       | 2190.30 | ppb   |
| Calcium    | 43-1  | 5053.68 | 4955.45 | 4950.28 | 4986.47    | 1.17    | ppb   |
| Calcium    | 44-1  | 5102.60 | 4980.54 | 4895.26 | 4992.80    | 2.09    | ppb   |
| Chromium   | 52-2  | 0.36    | 0.30    | 0.34    | 0.33       | 9.53    | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.06    | 0.07    | 0.06       | 8.84    | ppb   |
| Copper     | 63-2  | 177.60  | 177.24  | 177.05  | 177.30     | 0.16    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.69   | 32.89   | 35.02   | 33.87      | 3.17    | ppb   |
| Iron       | 57-2  | 37.53   | 36.84   | 39.74   | 38.03      | 3.98    | ppb   |
| Lead       | 206-1 | 0.65    | 0.64    | 0.62    | 0.64       | 2.75    | ppb   |
| Lead       | 207-1 | 0.61    | 0.57    | 0.60    | 0.59       | 3.63    | ppb   |
| Lead       | 208-1 | 0.63    | 0.61    | 0.61    | 0.62       | 1.67    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1256.20 | 1230.22 | 1242.99 | 1243.14    | 1.05    | ppb   |
| Manganese  | 55-2  | 13.78   | 13.55   | 13.64   | 13.66      | 0.83    | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-19 Instrumnet Name : P7  
 Client Sample ID : DC14598-19-FL1-BR2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:03:24 DataFile Name : 044SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.03       | 14.71   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.03    | 0.02       | 12.61   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.05    | 0.04       | 23.80   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.04    | 0.03       | 48.40   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.03    | 0.03       | 16.83   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.62    | 0.58    | 0.52    | 0.57       | 8.46    | ppb   |
| Phosphorus | 31-2  | 638.26  | 602.87  | 585.51  | 608.88     | 4.41    | ppb   |
| Potassium  | 39-2  | 450.47  | 430.32  | 440.29  | 440.36     | 2.29    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.15    | -0.09   | -0.09   | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.01   | -0.40   | 0.20    | -0.07      |         | ppb   |
| Selenium   | 82-1  | 0.37    | 0.27    | 0.79    | 0.47       | 57.97   | ppb   |
| Silicon    | 28-1  | 840.79  | 816.68  | 798.54  | 818.67     | 2.59    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 56.70   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9228.40 | 9345.72 | 9413.95 | 9329.36    | 1.01    | ppb   |
| Strontium  | 86-1  | 17.16   | 16.34   | 16.45   | 16.65      | 2.67    | ppb   |
| Strontium  | 88-1  | 16.62   | 16.45   | 16.37   | 16.48      | 0.77    | ppb   |
| Sulfur     | 34-1  | -510.08 | -795.53 | -970.66 | -758.76    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 11.29   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 10.24   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.03    | 0.02       | 45.10   | ppb   |
| Titanium   | 47-1  | 0.42    | 0.31    | 0.40    | 0.38       | 15.49   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 6.90    | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.06    | 0.07       | 6.95    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 45.43   | 45.89   | 45.83   | 45.72      | 0.55    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 6.98    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-19-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:03:24  | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.03    | 0.04       | 9.96    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-20 Instrumnet Name : P7  
 Client Sample ID : DC14598-20-FL1-BR2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:06:49 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.22   | 11.33   | 11.91   | 11.15      | 7.66    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.07    | 0.07       | 8.54    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.33    | 0.30       | 11.39   | ppb   |
| Barium     | 135-1 | 14.74   | 14.34   | 14.84   | 14.64      | 1.81    | ppb   |
| Barium     | 137-1 | 14.63   | 14.29   | 14.54   | 14.49      | 1.19    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 4871.64 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.53    | 5.27    | 6.44    | 5.41       | 17.76   | ppb   |
| Boron      | 11-1  | 6.11    | 5.42    | 5.43    | 5.65       | 6.98    | ppb   |
| Cadmium    | 111-1 | -0.55   | -0.63   | -0.59   | -0.59      |         | ppb   |
| Cadmium    | 106-1 | -7.38   | -8.41   | -7.85   | -7.88      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.00    | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4939.61 | 4997.12 | 4859.71 | 4932.15    | 1.40    | ppb   |
| Calcium    | 44-1  | 4933.42 | 4985.04 | 4925.17 | 4947.88    | 0.66    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.29    | 0.33    | 0.30       | 7.82    | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.05    | 0.05    | 0.04       | 12.49   | ppb   |
| Copper     | 63-2  | 185.09  | 184.76  | 184.63  | 184.83     | 0.13    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.63   | 33.59   | 37.18   | 35.14      | 5.25    | ppb   |
| Iron       | 57-2  | 37.25   | 38.50   | 41.13   | 38.96      | 5.08    | ppb   |
| Lead       | 206-1 | 0.21    | 0.22    | 0.22    | 0.22       | 2.54    | ppb   |
| Lead       | 207-1 | 0.20    | 0.22    | 0.21    | 0.21       | 4.77    | ppb   |
| Lead       | 208-1 | 0.21    | 0.21    | 0.21    | 0.21       | 1.12    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1172.98 | 1160.13 | 1153.43 | 1162.18    | 0.85    | ppb   |
| Manganese  | 55-2  | 15.05   | 14.70   | 15.39   | 15.05      | 2.27    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-20-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:06:49  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.02    | 0.03       | 19.12   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 15.20   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.04    | 0.03       | 24.38   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.03    | 0.03    | 0.03       | 6.19    | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.02    | 0.03    | 0.02       | 12.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.34    | 0.34    | 0.34       | 1.16    | ppb   |
| Phosphorus | 31-2  | 616.81  | 641.60  | 640.75  | 633.05     | 2.22    | ppb   |
| Potassium  | 39-2  | 425.64  | 428.32  | 429.97  | 427.98     | 0.51    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.39   | 0.35    | 0.00    | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.26    | 0.83    | 0.76    | 0.62       | 49.81   | ppb   |
| Silicon    | 28-1  | 811.27  | 793.18  | 793.22  | 799.22     | 1.31    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9393.80 | 9251.94 | 9305.27 | 9317.00    | 0.77    | ppb   |
| Strontium  | 86-1  | 16.31   | 16.27   | 16.35   | 16.31      | 0.26    | ppb   |
| Strontium  | 88-1  | 16.36   | 16.21   | 16.23   | 16.27      | 0.49    | ppb   |
| Sulfur     | 34-1  | -777.10 | -842.87 | -753.15 | -791.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 28.81   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.01    | 0.01       | 25.62   | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | 0.01    | 0.01       | 64.09   | ppb   |
| Titanium   | 47-1  | 0.46    | 0.51    | 0.46    | 0.48       | 6.90    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 33.03   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.06    | 0.07    | 0.07       | 8.82    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.66   | 16.95   | 17.47   | 17.36      | 2.13    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.02       | 12.33   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-20-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:06:49  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.05    | 0.03    | 0.03       | 46.06   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-23 Instrumnet Name : P7  
 Client Sample ID : DC14598-23-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:10:14 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 7.02    | 7.05    | 8.95    | 7.67       | 14.40    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.06    | 0.05    | 0.05       | 10.33    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.32    | 0.28    | 0.31       | 8.75     | ppb   |
| Barium     | 135-1 | 13.74   | 13.60   | 13.89   | 13.74      | 1.05     | ppb   |
| Barium     | 137-1 | 13.56   | 13.74   | 13.85   | 13.71      | 1.07     | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.03    | 0.02       | 81.51    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |          | %     |
| Bismuth    | 209-2 |         |         |         |            |          | %     |
| Boron      | 10-1  | 5.32    | 6.01    | 6.24    | 5.85       | 8.17     | ppb   |
| Boron      | 11-1  | 5.22    | 5.20    | 4.85    | 5.09       | 4.09     | ppb   |
| Cadmium    | 111-1 | -0.48   | -0.58   | -0.55   | -0.54      |          | ppb   |
| Cadmium    | 106-1 | -6.46   | -7.77   | -7.34   | -7.19      |          | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.03   | 0.04    | 0.00       | 23099.95 | ppb   |
| Calcium    | 43-1  | 5018.26 | 4974.13 | 5022.27 | 5004.89    | 0.53     | ppb   |
| Calcium    | 44-1  | 5007.73 | 5002.99 | 5014.45 | 5008.39    | 0.11     | ppb   |
| Chromium   | 52-2  | 0.25    | 0.27    | 0.24    | 0.26       | 6.22     | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 22.81    | ppb   |
| Copper     | 63-2  | 163.54  | 160.54  | 160.59  | 161.56     | 1.07     | 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  | 32.77   | 31.78   | 31.58   | 32.04      | 1.98     | ppb   |
| Iron       | 57-2  | 37.92   | 38.23   | 35.10   | 37.08      | 4.66     | ppb   |
| Lead       | 206-1 | 0.19    | 0.21    | 0.23    | 0.21       | 10.20    | ppb   |
| Lead       | 207-1 | 0.19    | 0.20    | 0.24    | 0.21       | 13.40    | ppb   |
| Lead       | 208-1 | 0.21    | 0.21    | 0.22    | 0.22       | 3.94     | ppb   |
| Lithium    | 6-1   |         |         |         |            |          | %     |
| Magnesium  | 24-2  | 1095.03 | 1061.37 | 1075.58 | 1077.33    | 1.57     | ppb   |
| Manganese  | 55-2  | 13.02   | 12.75   | 12.82   | 12.86      | 1.10     | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-23 Instrumnet Name : P7  
 Client Sample ID : DC14598-23-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:10:14 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.04    | 0.03    | 0.03       | 15.53   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 7.60    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.04    | 0.03       | 8.36    | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.04    | 0.04       | 12.28   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 1.19    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.32    | 0.29    | 0.30    | 0.30       | 4.79    | ppb   |
| Phosphorus | 31-2  | 640.32  | 609.58  | 664.84  | 638.25     | 4.34    | ppb   |
| Potassium  | 39-2  | 439.33  | 431.45  | 430.88  | 433.89     | 1.09    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.41    | 0.15    | -0.09   | 0.16       | 159.42  | ppb   |
| Selenium   | 78-2  | 0.67    | -0.74   | 0.30    | 0.08       | 949.49  | ppb   |
| Selenium   | 82-1  | 0.38    | 0.92    | 0.34    | 0.55       | 59.32   | ppb   |
| Silicon    | 28-1  | 817.04  | 806.09  | 816.50  | 813.21     | 0.76    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 187.85  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9552.76 | 9225.67 | 9340.62 | 9373.02    | 1.77    | ppb   |
| Strontium  | 86-1  | 16.62   | 16.38   | 16.44   | 16.48      | 0.75    | ppb   |
| Strontium  | 88-1  | 16.25   | 16.26   | 16.29   | 16.27      | 0.12    | ppb   |
| Sulfur     | 34-1  | -658.61 | -752.94 | -621.42 | -677.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 9.52    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.80    | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.31    | 0.42    | 0.34    | 0.36       | 15.20   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 3.73    | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07    | 0.05    | 0.06       | 22.97   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.62   | 19.18   | 19.49   | 19.43      | 1.18    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.03    | 0.02    | 0.02       | 25.13   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-23-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:10:14   | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.03    | 0.02       | 58.30   | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-24 Instrumnet Name : P7  
 Client Sample ID : DC14598-24-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:13:39 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.70    | 7.92    | 7.08    | 6.90       | 16.29   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.05       | 6.00    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.34    | 0.28    | 0.30       | 11.00   | ppb   |
| Barium     | 135-1 | 13.65   | 13.78   | 13.51   | 13.65      | 0.98    | ppb   |
| Barium     | 137-1 | 13.51   | 13.64   | 13.71   | 13.62      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | 0.03    | 0.01       | 221.48  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.39    | 6.09    | 4.04    | 4.84       | 22.69   | ppb   |
| Boron      | 11-1  | 5.14    | 5.09    | 5.02    | 5.08       | 1.26    | ppb   |
| Cadmium    | 111-1 | -0.60   | -0.61   | -0.55   | -0.59      |         | ppb   |
| Cadmium    | 106-1 | -8.11   | -8.16   | -7.27   | -7.84      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.00    | 0.05    | 0.01       | 288.40  | ppb   |
| Calcium    | 43-1  | 4999.80 | 5028.58 | 4845.75 | 4958.04    | 1.98    | ppb   |
| Calcium    | 44-1  | 4956.75 | 5001.15 | 4946.48 | 4968.13    | 0.58    | ppb   |
| Chromium   | 52-2  | 0.41    | 0.37    | 0.35    | 0.38       | 9.49    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.02    | 0.02       | 30.45   | ppb   |
| Copper     | 63-2  | 174.52  | 173.64  | 174.18  | 174.11     | 0.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 34.84   | 34.07   | 31.34   | 33.41      | 5.50    | ppb   |
| Iron       | 57-2  | 35.89   | 36.12   | 39.20   | 37.07      | 4.98    | ppb   |
| Lead       | 206-1 | 0.10    | 0.09    | 0.09    | 0.09       | 8.79    | ppb   |
| Lead       | 207-1 | 0.07    | 0.08    | 0.08    | 0.07       | 5.43    | ppb   |
| Lead       | 208-1 | 0.08    | 0.09    | 0.08    | 0.08       | 6.64    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1076.43 | 1076.16 | 1059.57 | 1070.72    | 0.90    | ppb   |
| Manganese  | 55-2  | 12.55   | 12.31   | 12.47   | 12.44      | 1.01    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-24-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:13:39   | DataFile Name :   | 047SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 20.36   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.05    | 0.02    | 0.04       | 37.79   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.03    | 0.02    | 0.02       | 42.59   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.02    | 0.03       | 22.19   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.03    | 0.02    | 0.03       | 29.57   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25    | 0.27    | 0.26    | 0.26       | 4.26    | ppb   |
| Phosphorus | 31-2  | 615.06  | 694.14  | 603.67  | 637.62     | 7.73    | ppb   |
| Potassium  | 39-2  | 426.16  | 427.69  | 435.56  | 429.80     | 1.17    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.40    | 0.41    | 0.24       | 119.89  | ppb   |
| Selenium   | 78-2  | 0.25    | -0.33   | -0.47   | -0.19      |         | ppb   |
| Selenium   | 82-1  | 0.53    | 0.58    | 0.16    | 0.43       | 54.03   | ppb   |
| Silicon    | 28-1  | 808.51  | 834.28  | 807.99  | 816.93     | 1.84    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 30.85   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9349.07 | 9286.10 | 9410.00 | 9348.39    | 0.66    | ppb   |
| Strontium  | 86-1  | 16.52   | 16.59   | 16.40   | 16.50      | 0.58    | ppb   |
| Strontium  | 88-1  | 16.28   | 16.33   | 15.95   | 16.19      | 1.27    | ppb   |
| Sulfur     | 34-1  | -741.84 | -649.08 | -807.26 | -732.72    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.56   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.02    | 0.02    | 0.02       | 13.85   | ppb   |
| Tin        | 118-1 | -0.01   | 0.01    | 0.00    | 0.00       | 531.84  | ppb   |
| Titanium   | 47-1  | 0.34    | 0.40    | 0.30    | 0.35       | 15.45   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 29.11   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.07    | 0.07    | 0.06       | 12.33   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 15.55   | 14.99   | 15.71   | 15.42      | 2.48    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 5.73    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-24-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:13:39   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.03       | 24.22   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-25 Instrumnet Name : P7  
 Client Sample ID : DC14598-25-FL1-SR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:17:05 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.15   | 13.87   | 15.67   | 14.23      | 9.12    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.08    | 0.07       | 9.74    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.23    | 0.31    | 0.27       | 14.75   | ppb   |
| Barium     | 135-1 | 15.02   | 14.95   | 14.82   | 14.93      | 0.70    | ppb   |
| Barium     | 137-1 | 14.86   | 14.43   | 14.93   | 14.74      | 1.83    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.27    | 7.32    | 7.60    | 7.06       | 9.89    | ppb   |
| Boron      | 11-1  | 7.77    | 7.50    | 7.60    | 7.63       | 1.79    | ppb   |
| Cadmium    | 111-1 | -0.58   | -0.61   | -0.61   | -0.60      |         | ppb   |
| Cadmium    | 106-1 | -7.86   | -8.22   | -8.21   | -8.10      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.03   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4952.43 | 4935.81 | 4869.95 | 4919.40    | 0.89    | ppb   |
| Calcium    | 44-1  | 4894.39 | 4932.15 | 4891.65 | 4906.06    | 0.46    | ppb   |
| Chromium   | 52-2  | 0.23    | 0.32    | 0.30    | 0.28       | 16.96   | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.16    | 0.17    | 0.16       | 3.72    | ppb   |
| Copper     | 63-2  | 259.23  | 260.07  | 261.92  | 260.41     | 0.53    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.36   | 34.66   | 34.78   | 34.93      | 1.08    | ppb   |
| Iron       | 57-2  | 39.78   | 37.20   | 38.00   | 38.33      | 3.44    | ppb   |
| Lead       | 206-1 | 0.34    | 0.37    | 0.34    | 0.35       | 4.40    | ppb   |
| Lead       | 207-1 | 0.33    | 0.29    | 0.35    | 0.32       | 8.63    | ppb   |
| Lead       | 208-1 | 0.34    | 0.33    | 0.33    | 0.34       | 1.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1528.58 | 1515.38 | 1522.09 | 1522.02    | 0.43    | ppb   |
| Manganese  | 55-2  | 14.28   | 14.98   | 14.69   | 14.65      | 2.37    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-25 Instrumnet Name : P7  
 Client Sample ID : DC14598-25-FL1-SR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:17:05 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.02       | 29.29   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.03    | 0.02    | 0.03       | 33.29   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.04    | 0.03    | 0.04       | 30.21   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.02    | 0.03       | 28.85   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 9.73    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.50    | 2.42    | 2.41    | 2.44       | 1.93    | ppb   |
| Phosphorus | 31-2  | 604.36  | 576.55  | 612.84  | 597.92     | 3.17    | ppb   |
| Potassium  | 39-2  | 429.74  | 436.76  | 434.07  | 433.52     | 0.82    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.15    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.01    | -0.08   | 0.36    | 0.10       | 238.38  | ppb   |
| Selenium   | 82-1  | 0.07    | 0.39    | 0.46    | 0.31       | 66.73   | ppb   |
| Silicon    | 28-1  | 826.86  | 851.79  | 849.75  | 842.80     | 1.64    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 46.29   | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.01    | 0.01       | 33.18   | ppb   |
| Sodium     | 23-2  | 9620.26 | 9527.90 | 9580.50 | 9576.22    | 0.48    | ppb   |
| Strontium  | 86-1  | 16.16   | 16.30   | 16.49   | 16.32      | 1.00    | ppb   |
| Strontium  | 88-1  | 16.07   | 16.12   | 16.11   | 16.10      | 0.17    | ppb   |
| Sulfur     | 34-1  | -772.58 | -773.89 | -776.17 | -774.21    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.51    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.01    | 0.02       | 14.80   | ppb   |
| Tin        | 118-1 | 0.02    | 0.00    | 0.01    | 0.01       | 120.68  | ppb   |
| Titanium   | 47-1  | 0.38    | 0.31    | 0.42    | 0.37       | 14.78   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 19.62   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.08    | 0.07    | 0.07       | 10.76   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 57.90   | 58.56   | 58.84   | 58.43      | 0.83    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.01    | 0.02       | 31.47   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-25-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:17:05  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.01    | 0.03    | 0.03       | 63.88   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-26 Instrumnet Name : P7  
 Client Sample ID : DC14598-26-FL1-SR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:20:31 DataFile Name : 049SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.80   | 18.85   | 17.30   | 18.32      | 4.80    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.06    | 0.06       | 4.72    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.31    | 0.30    | 0.30       | 4.89    | ppb   |
| Barium     | 135-1 | 14.73   | 14.15   | 14.27   | 14.39      | 2.13    | ppb   |
| Barium     | 137-1 | 14.38   | 14.66   | 14.43   | 14.49      | 1.03    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.03    | 0.00    | 0.01       | 342.44  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.66    | 8.45    | 8.63    | 8.58       | 1.30    | ppb   |
| Boron      | 11-1  | 8.64    | 8.53    | 8.23    | 8.47       | 2.49    | ppb   |
| Cadmium    | 111-1 | -0.64   | -0.59   | -0.62   | -0.62      |         | ppb   |
| Cadmium    | 106-1 | -8.52   | -7.84   | -8.30   | -8.22      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.06    | 0.03    | 0.03       | 98.65   | ppb   |
| Calcium    | 43-1  | 4900.74 | 4901.06 | 4828.69 | 4876.83    | 0.85    | ppb   |
| Calcium    | 44-1  | 4921.16 | 4897.29 | 4877.73 | 4898.72    | 0.44    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.27    | 0.28    | 0.28       | 3.44    | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.26    | 0.26    | 0.25       | 4.97    | ppb   |
| Copper     | 63-2  | 181.35  | 181.14  | 180.98  | 181.16     | 0.10    | 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  | 51.02   | 48.88   | 47.29   | 49.06      | 3.82    | ppb   |
| Iron       | 57-2  | 58.73   | 52.97   | 48.48   | 53.39      | 9.63    | ppb   |
| Lead       | 206-1 | 0.25    | 0.22    | 0.25    | 0.24       | 6.36    | ppb   |
| Lead       | 207-1 | 0.23    | 0.23    | 0.23    | 0.23       | 0.48    | ppb   |
| Lead       | 208-1 | 0.23    | 0.22    | 0.23    | 0.23       | 3.31    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1578.60 | 1550.48 | 1567.32 | 1565.46    | 0.90    | ppb   |
| Manganese  | 55-2  | 24.83   | 24.58   | 24.31   | 24.58      | 1.06    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-26-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:20:31  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.05    | 0.04       | 24.96   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.03    | 0.03    | 0.03       | 18.75   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.04    | 0.04       | 13.71   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.02    | 0.02       | 25.77   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.04    | 0.03       | 22.74   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.44    | 0.45    | 0.43    | 0.44       | 1.88    | ppb   |
| Phosphorus | 31-2  | 614.05  | 616.43  | 590.37  | 606.95     | 2.37    | ppb   |
| Potassium  | 39-2  | 437.74  | 432.68  | 429.48  | 433.30     | 0.96    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.16    | -0.09   | 0.07       | 195.18  | ppb   |
| Selenium   | 78-2  | -0.08   | -0.48   | 1.07    | 0.17       | 471.57  | ppb   |
| Selenium   | 82-1  | 0.71    | 0.23    | 0.85    | 0.60       | 54.06   | ppb   |
| Silicon    | 28-1  | 894.97  | 869.47  | 864.81  | 876.42     | 1.85    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.01       | 74.29   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 130.94  | ppb   |
| Sodium     | 23-2  | 9610.70 | 9337.50 | 9442.41 | 9463.54    | 1.46    | ppb   |
| Strontium  | 86-1  | 16.13   | 16.14   | 16.30   | 16.19      | 0.58    | ppb   |
| Strontium  | 88-1  | 16.04   | 16.04   | 16.00   | 16.03      | 0.15    | ppb   |
| Sulfur     | 34-1  | -700.03 | -653.97 | -707.27 | -687.09    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.02       | 32.28   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 21.37   | ppb   |
| Tin        | 118-1 | 0.82    | 0.08    | 0.11    | 0.34       | 123.83  | ppb   |
| Titanium   | 47-1  | 0.56    | 0.52    | 0.45    | 0.51       | 11.63   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 18.89   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.09    | 0.07    | 0.08       | 12.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.26   | 17.74   | 17.58   | 17.53      | 1.39    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.04    | 0.04    | 0.04       | 10.23   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-26-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:20:31  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.05    | 0.04       | 10.86   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-27 Instrumnet Name : P7  
 Client Sample ID : DC14598-27-FL1-CL113- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:23:57 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.99    | 10.49   | 7.40    | 8.63       | 19.03   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 7.00    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.29    | 0.33    | 0.31       | 5.95    | ppb   |
| Barium     | 135-1 | 13.69   | 13.38   | 13.41   | 13.49      | 1.25    | ppb   |
| Barium     | 137-1 | 13.84   | 13.46   | 13.54   | 13.62      | 1.46    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.00    | 0.01       | 113.35  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.46    | 5.33    | 5.64    | 5.48       | 2.85    | ppb   |
| Boron      | 11-1  | 5.21    | 6.13    | 5.21    | 5.52       | 9.56    | ppb   |
| Cadmium    | 111-1 | -0.61   | -0.62   | -0.66   | -0.63      |         | ppb   |
| Cadmium    | 106-1 | -8.22   | -8.37   | -8.74   | -8.45      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | 0.03    | 0.04    | 0.04       | 22.47   | ppb   |
| Calcium    | 43-1  | 4920.94 | 4999.09 | 5030.61 | 4983.55    | 1.13    | ppb   |
| Calcium    | 44-1  | 4925.76 | 4985.87 | 5027.29 | 4979.64    | 1.03    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.30    | 0.26    | 0.31       | 14.81   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.03    | 0.02       | 18.26   | ppb   |
| Copper     | 63-2  | 208.90  | 209.03  | 205.08  | 207.67     | 1.08    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.74   | 33.15   | 34.49   | 33.79      | 1.99    | ppb   |
| Iron       | 57-2  | 37.20   | 35.86   | 34.73   | 35.93      | 3.44    | ppb   |
| Lead       | 206-1 | 0.15    | 0.16    | 0.20    | 0.17       | 13.79   | ppb   |
| Lead       | 207-1 | 0.14    | 0.13    | 0.14    | 0.14       | 3.28    | ppb   |
| Lead       | 208-1 | 0.16    | 0.16    | 0.17    | 0.16       | 2.12    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1073.49 | 1079.39 | 1059.71 | 1070.86    | 0.94    | ppb   |
| Manganese  | 55-2  | 12.31   | 12.04   | 12.00   | 12.11      | 1.40    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-27-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:23:57   | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.03    | 0.02    | 0.02       | 48.39   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.03    | 0.03       | 18.45   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.08    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.02    | 0.02       | 20.30   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.02    | 0.03       | 20.86   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 148.81  | 149.62  | 149.18  | 149.20     | 0.27    | ppb   |
| Phosphorus | 31-2  | 618.51  | 667.39  | 652.97  | 646.29     | 3.89    | ppb   |
| Potassium  | 39-2  | 423.60  | 434.95  | 435.83  | 431.46     | 1.58    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | 0.16    | -0.09   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.46    | 0.19    | 0.08    | 0.24       | 80.11   | ppb   |
| Selenium   | 82-1  | 0.64    | 0.39    | 0.17    | 0.40       | 58.03   | ppb   |
| Silicon    | 28-1  | 786.45  | 818.95  | 826.25  | 810.55     | 2.61    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 162.75  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9415.47 | 9471.47 | 9306.29 | 9397.74    | 0.89    | ppb   |
| Strontium  | 86-1  | 16.28   | 16.57   | 16.00   | 16.28      | 1.76    | ppb   |
| Strontium  | 88-1  | 16.27   | 16.03   | 15.93   | 16.08      | 1.08    | ppb   |
| Sulfur     | 34-1  | -750.05 | -537.71 | -524.24 | -604.00    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 14.30   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 14.13   | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.36    | 0.33    | 1.43    | 0.71       | 88.45   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.01       | 31.18   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.08    | 0.06       | 22.03   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 231.64  | 232.13  | 230.43  | 231.40     | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.01       | 13.20   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-27-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:23:57   | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.04    | 0.03       | 38.75   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-28 Instrumnet Name : P7  
 Client Sample ID : DC14598-28-FL1-CL113- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:27:21 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.09    | 11.14   | 8.41    | 8.88       | 23.25   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.87    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.30    | 0.28    | 0.28       | 5.02    | ppb   |
| Barium     | 135-1 | 13.52   | 13.64   | 13.77   | 13.64      | 0.91    | ppb   |
| Barium     | 137-1 | 13.87   | 13.48   | 13.55   | 13.64      | 1.54    | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.01   | 0.01    | 0.01       | 190.61  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.78    | 4.56    | 5.67    | 5.00       | 11.74   | ppb   |
| Boron      | 11-1  | 5.39    | 5.02    | 5.38    | 5.27       | 3.96    | ppb   |
| Cadmium    | 111-1 | -0.57   | -0.65   | -0.65   | -0.62      |         | ppb   |
| Cadmium    | 106-1 | -7.65   | -8.72   | -8.71   | -8.36      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.00    | 0.02    | 0.02       | 113.51  | ppb   |
| Calcium    | 43-1  | 4931.60 | 4916.71 | 4862.56 | 4903.63    | 0.74    | ppb   |
| Calcium    | 44-1  | 4901.21 | 4892.96 | 4927.79 | 4907.32    | 0.37    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.30    | 0.30    | 0.30       | 1.19    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.02       | 30.16   | ppb   |
| Copper     | 63-2  | 210.25  | 212.71  | 210.91  | 211.29     | 0.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 33.36   | 33.08   | 32.86   | 33.10      | 0.75    | ppb   |
| Iron       | 57-2  | 37.38   | 35.86   | 38.04   | 37.10      | 3.02    | ppb   |
| Lead       | 206-1 | 0.08    | 0.10    | 0.09    | 0.09       | 11.27   | ppb   |
| Lead       | 207-1 | 0.07    | 0.08    | 0.09    | 0.08       | 10.77   | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 0.97    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1060.71 | 1076.45 | 1056.20 | 1064.45    | 1.00    | ppb   |
| Manganese  | 55-2  | 12.10   | 12.67   | 12.47   | 12.41      | 2.32    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-28-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:27:21   | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.03    | 0.02       | 9.44    | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.02    | 0.04    | 0.03       | 31.86   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.03    | 0.03       | 9.78    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.01    | 0.03       | 51.08   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.03       | 17.28   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.80    | 0.90    | 0.76    | 0.82       | 8.50    | ppb   |
| Phosphorus | 31-2  | 651.88  | 602.28  | 637.53  | 630.56     | 4.05    | ppb   |
| Potassium  | 39-2  | 423.77  | 438.79  | 433.26  | 431.94     | 1.76    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.16    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.24    | 0.23    | 0.04    | 0.17       | 65.35   | ppb   |
| Selenium   | 82-1  | 0.41    | 0.74    | 0.77    | 0.64       | 31.13   | ppb   |
| Silicon    | 28-1  | 793.72  | 787.86  | 791.89  | 791.16     | 0.38    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 179.82  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9340.95 | 9464.07 | 9455.49 | 9420.17    | 0.73    | ppb   |
| Strontium  | 86-1  | 15.90   | 16.42   | 15.99   | 16.10      | 1.74    | ppb   |
| Strontium  | 88-1  | 15.95   | 16.21   | 16.11   | 16.09      | 0.84    | ppb   |
| Sulfur     | 34-1  | -703.44 | -839.54 | -683.28 | -742.08    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 11.53   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.39   | ppb   |
| Tin        | 118-1 | -0.03   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.36    | 0.41    | 0.41    | 0.39       | 6.74    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.00       | 22.29   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.05    | 0.06       | 9.52    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 19.55   | 20.88   | 20.11   | 20.18      | 3.31    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 23.04   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-28-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:27:21   | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 23.19   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.37   | -0.02   | 0.02    | -0.12      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.59   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.00    | 0.01       | 98.49   | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | 1593.34 | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.01   | 0.03    | 0.01       | 165.47  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.30    | 0.32    | 0.61    | 0.41       | 41.44   | ppb   |
| Boron      | 11-1  | 0.74    | 0.55    | 0.44    | 0.58       | 26.61   | ppb   |
| Cadmium    | 111-1 | -0.71   | -0.53   | -0.65   | -0.63      |         | ppb   |
| Cadmium    | 106-1 | -9.38   | -7.07   | -8.58   | -8.34      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.04   | -0.03   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -2.42   | -8.64   | -7.72   | -6.26      |         | ppb   |
| Calcium    | 44-1  | -5.97   | -3.88   | -4.27   | -4.71      |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.06    | 0.05    | 0.06       | 9.61    | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 123.57  | ppb   |
| Copper     | 63-2  | 0.04    | 0.03    | 0.01    | 0.03       | 57.27   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 0.30    | 0.37    | 0.36    | 0.34       | 11.57   | ppb   |
| Iron       | 57-2  | -1.55   | -1.03   | -0.57   | -1.05      |         | ppb   |
| Lead       | 206-1 | 460.32  | 464.41  | 455.44  | 460.06     | 0.98    | ppb   |
| Lead       | 207-1 | 460.55  | 462.09  | 456.23  | 459.62     | 0.66    | ppb   |
| Lead       | 208-1 | 485.88  | 490.64  | 483.51  | 486.68     | 0.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.05    | -0.12   | -0.12   | -0.06      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.02    | 0.01    | 0.01       | 46.26   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.01     | 0.00       | 255.90  | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02     | 0.01     | 0.00     | 0.01       | 100.92  | ppb   |
| Phosphorus | 31-2  | -18.89   | -7.93    | -5.48    | -10.77     |         | ppb   |
| Potassium  | 39-2  | 0.58     | 4.76     | -0.10    | 1.74       | 150.81  | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.76     | 0.59     | 0.06     | 0.47       | 78.48   | ppb   |
| Selenium   | 82-1  | 0.44     | 0.81     | 0.20     | 0.48       | 63.28   | ppb   |
| Silicon    | 28-1  | -12.30   | -11.24   | -11.26   | -11.60     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 370.45  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 16.99    | 17.21    | 17.17    | 17.12      | 0.69    | ppb   |
| Strontium  | 86-1  | -0.04    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 278.70  | ppb   |
| Sulfur     | 34-1  | -1887.79 | -1722.93 | -2005.47 | -1872.06   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.90   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 33.94   | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.01    | -0.01    | 0.02     | 0.00       | 2015.48 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00     | 0.01     | 0.01       | 68.47   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.51     | 0.29     | 0.43     | 0.41       | 27.75   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.58   | -0.58   | -0.69   | -0.62      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 29.23   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | -0.01   | 0.00       | 1639.21 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.00    | 0.31    | 0.45    | 0.25       | 92.43   | ppb   |
| Boron      | 11-1  | 0.50    | 0.37    | 0.24    | 0.37       | 35.49   | ppb   |
| Cadmium    | 111-1 | -0.61   | -0.71   | -0.63   | -0.65      |         | ppb   |
| Cadmium    | 106-1 | -8.12   | -9.40   | -8.27   | -8.60      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.04   | 0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -16.84  | -15.23  | -17.76  | -16.61     |         | ppb   |
| Calcium    | 44-1  | -19.49  | -18.10  | -19.91  | -19.17     |         | ppb   |
| Chromium   | 52-2  | 0.03    | 0.03    | 0.04    | 0.03       | 17.85   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | 0.03    | 0.02       | 58.08   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.15    | 0.30    | 0.23    | 0.22       | 33.69   | ppb   |
| Iron       | 57-2  | -0.46   | -0.75   | -0.86   | -0.69      |         | ppb   |
| Lead       | 206-1 | -0.01   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.00    | 0.18    | -0.12   | 0.02       | 917.79  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 14.01   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.01     | 0.01     | 0.00     | 0.01       | 37.27   | ppb   |
| Phosphorus | 31-2  | -17.22   | -9.41    | -9.46    | -12.03     |         | ppb   |
| Potassium  | 39-2  | -5.69    | 2.42     | -0.31    | -1.20      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.30     | -0.09    | -0.46    | -0.09      |         | ppb   |
| Selenium   | 82-1  | 0.53     | 0.35     | 0.98     | 0.62       | 52.58   | ppb   |
| Silicon    | 28-1  | -15.94   | -16.64   | -16.68   | -16.42     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 250.15  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 16.60    | 15.52    | 15.43    | 15.85      | 4.13    | ppb   |
| Strontium  | 86-1  | -0.06    | -0.02    | -0.03    | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1827.17 | -1932.31 | -1824.04 | -1861.17   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.01     | 0.01       | 17.09   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 30.29   | ppb   |
| Tin        | 118-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.00     | -0.04    | -0.02    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 249.62  | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.06     | 0.07     | 0.08     | 0.07       | 20.10   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-29 Instrumnet Name : P7  
 Client Sample ID : DC14598-29-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:37:35 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.69   | 12.57   | 11.49   | 12.25      | 5.40    | ppb   |
| Antimony   | 121-1 | 0.12    | 0.11    | 0.11    | 0.11       | 3.84    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.22    | 0.24    | 0.26       | 16.43   | ppb   |
| Barium     | 135-1 | 14.49   | 14.02   | 13.81   | 14.11      | 2.46    | ppb   |
| Barium     | 137-1 | 14.05   | 14.38   | 14.09   | 14.17      | 1.25    | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.00    | 0.02    | 0.03       | 116.11  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.25    | 5.12    | 7.48    | 6.62       | 19.70   | ppb   |
| Boron      | 11-1  | 5.69    | 5.56    | 4.85    | 5.36       | 8.45    | ppb   |
| Cadmium    | 111-1 | -0.69   | -0.73   | -0.64   | -0.69      |         | ppb   |
| Cadmium    | 106-1 | -9.25   | -9.69   | -8.50   | -9.15      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.03    | 0.09    | 0.06       | 49.76   | ppb   |
| Calcium    | 43-1  | 4962.69 | 4996.45 | 5025.03 | 4994.72    | 0.62    | ppb   |
| Calcium    | 44-1  | 4951.21 | 5021.11 | 5006.84 | 4993.05    | 0.74    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.37    | 0.32    | 0.34       | 8.11    | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.08    | 0.08    | 0.08       | 4.64    | ppb   |
| Copper     | 63-2  | 212.95  | 213.62  | 212.88  | 213.15     | 0.19    | 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  | 33.53   | 32.67   | 32.81   | 33.00      | 1.40    | ppb   |
| Iron       | 57-2  | 35.68   | 36.43   | 36.78   | 36.30      | 1.55    | ppb   |
| Lead       | 206-1 | 0.99    | 0.92    | 0.96    | 0.96       | 3.82    | ppb   |
| Lead       | 207-1 | 0.90    | 0.87    | 0.85    | 0.87       | 3.06    | ppb   |
| Lead       | 208-1 | 0.95    | 0.92    | 0.92    | 0.93       | 1.65    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1161.82 | 1160.95 | 1188.68 | 1170.48    | 1.35    | ppb   |
| Manganese  | 55-2  | 18.39   | 18.64   | 18.77   | 18.60      | 1.05    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-29 Instrumnet Name : P7  
 Client Sample ID : DC14598-29-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:37:35 DataFile Name : 054SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.04    | 0.03       | 27.35   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.87   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.03    | 0.04       | 16.50   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.04    | 0.03    | 0.03       | 19.32   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.02    | 0.03    | 0.03       | 11.15   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 7.03    | 6.98    | 7.09    | 7.04       | 0.78    | ppb   |
| Phosphorus | 31-2  | 588.13  | 557.45  | 579.45  | 575.01     | 2.75    | ppb   |
| Potassium  | 39-2  | 432.02  | 424.45  | 429.73  | 428.73     | 0.91    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.16    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.15   | 0.23    | -0.11   | -0.01      |         | ppb   |
| Selenium   | 82-1  | 0.80    | 1.16    | 0.50    | 0.82       | 40.08   | ppb   |
| Silicon    | 28-1  | 809.85  | 825.48  | 828.73  | 821.35     | 1.23    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 27.47   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 165.92  | ppb   |
| Sodium     | 23-2  | 9303.57 | 9432.55 | 9485.80 | 9407.31    | 1.00    | ppb   |
| Strontium  | 86-1  | 16.49   | 16.40   | 15.90   | 16.26      | 1.94    | ppb   |
| Strontium  | 88-1  | 16.23   | 16.29   | 16.15   | 16.22      | 0.43    | ppb   |
| Sulfur     | 34-1  | -793.64 | -577.68 | -690.81 | -687.38    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.01       | 32.63   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.01       | 18.66   | ppb   |
| Tin        | 118-1 | 0.29    | 0.30    | 0.34    | 0.31       | 8.54    | ppb   |
| Titanium   | 47-1  | 0.58    | 0.52    | 0.53    | 0.54       | 6.13    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 36.04   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.07    | 0.06       | 16.06   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 191.77  | 193.37  | 193.21  | 192.79     | 0.46    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.03    | 0.02       | 11.27   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-29-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:37:35  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.03    | 0.04       | 9.09    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.25    | 7.58    | 7.88    | 8.23       | 10.80   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.03    | 0.04       | 19.05   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.25    | 0.28    | 0.28       | 7.61    | ppb   |
| Barium     | 135-1 | 13.90   | 13.90   | 13.67   | 13.82      | 0.98    | ppb   |
| Barium     | 137-1 | 13.51   | 13.57   | 13.71   | 13.60      | 0.76    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.00    | 0.01       | 188.73  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.59    | 4.44    | 5.84    | 4.96       | 15.46   | ppb   |
| Boron      | 11-1  | 4.56    | 4.77    | 5.06    | 4.80       | 5.19    | ppb   |
| Cadmium    | 111-1 | -0.63   | -0.66   | -0.70   | -0.66      |         | ppb   |
| Cadmium    | 106-1 | -8.29   | -8.73   | -9.43   | -8.82      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.07    | -0.04   | 0.01       | 605.60  | ppb   |
| Calcium    | 43-1  | 4910.75 | 4891.93 | 4966.09 | 4922.92    | 0.78    | ppb   |
| Calcium    | 44-1  | 4941.83 | 4914.06 | 4919.92 | 4925.27    | 0.30    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.34    | 0.36    | 0.35       | 4.05    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 13.21   | ppb   |
| Copper     | 63-2  | 193.37  | 190.61  | 191.81  | 191.93     | 0.72    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 37.69   | 38.60   | 38.28   | 38.19      | 1.21    | ppb   |
| Iron       | 57-2  | 43.53   | 44.16   | 42.19   | 43.30      | 2.32    | ppb   |
| Lead       | 206-1 | 0.09    | 0.11    | 0.09    | 0.10       | 14.57   | ppb   |
| Lead       | 207-1 | 0.10    | 0.11    | 0.09    | 0.10       | 11.47   | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.10    | 0.10       | 3.92    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1055.10 | 1064.36 | 1060.25 | 1059.90    | 0.44    | ppb   |
| Manganese  | 55-2  | 14.39   | 14.05   | 14.70   | 14.38      | 2.25    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04    | 0.03    | 0.03    | 0.03       | 17.35   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.02    | 0.03       | 7.80    | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.02    | 0.05    | 0.04       | 32.56   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.05    | 0.03    | 0.04       | 22.39   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 14.34   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.54    | 0.51    | 0.50    | 0.52       | 4.34    | ppb   |
| Phosphorus | 31-2  | 656.70  | 602.68  | 654.17  | 637.85     | 4.78    | ppb   |
| Potassium  | 39-2  | 429.64  | 421.61  | 429.67  | 426.97     | 1.09    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.15    | -0.09   | 0.41    | 0.16       | 159.66  | ppb   |
| Selenium   | 78-2  | 0.55    | 0.26    | 0.37    | 0.39       | 36.48   | ppb   |
| Selenium   | 82-1  | 0.17    | 0.47    | 0.58    | 0.41       | 52.13   | ppb   |
| Silicon    | 28-1  | 809.80  | 791.33  | 801.32  | 800.82     | 1.15    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 88.18   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 8666.79 | ppb   |
| Sodium     | 23-2  | 9291.74 | 9392.64 | 9338.58 | 9340.98    | 0.54    | ppb   |
| Strontium  | 86-1  | 16.19   | 16.61   | 16.60   | 16.47      | 1.46    | ppb   |
| Strontium  | 88-1  | 16.04   | 16.29   | 16.18   | 16.17      | 0.78    | ppb   |
| Sulfur     | 34-1  | -772.05 | -691.21 | -753.43 | -738.90    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 13.07   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.02    | 0.02       | 22.11   | ppb   |
| Tin        | 118-1 | 0.02    | 0.00    | 0.29    | 0.10       | 159.89  | ppb   |
| Titanium   | 47-1  | 0.56    | 0.44    | 0.41    | 0.47       | 17.54   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.01       | 28.80   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.04    | 0.05    | 0.05       | 15.99   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 17.36   | 17.79   | 17.81   | 17.65      | 1.45    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.44   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.02    | 0.02       | 26.55   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-31 Instrumnet Name : P7  
 Client Sample ID : DC14598-31-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:44:24 DataFile Name : 056SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.18   | 13.66   | 15.78   | 13.54      | 17.02   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.07    | 0.07       | 5.91    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.34    | 0.26    | 0.29       | 13.94   | ppb   |
| Barium     | 135-1 | 14.39   | 14.35   | 14.08   | 14.27      | 1.17    | ppb   |
| Barium     | 137-1 | 14.10   | 14.28   | 14.12   | 14.17      | 0.69    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       | 1662.33 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.92    | 6.26    | 8.06    | 7.08       | 12.86   | ppb   |
| Boron      | 11-1  | 6.80    | 6.14    | 6.76    | 6.57       | 5.67    | ppb   |
| Cadmium    | 111-1 | -0.72   | -0.61   | -0.67   | -0.67      |         | ppb   |
| Cadmium    | 106-1 | -9.55   | -8.26   | -8.91   | -8.90      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4784.03 | 4863.64 | 4935.65 | 4861.10    | 1.56    | ppb   |
| Calcium    | 44-1  | 4866.75 | 4896.45 | 4948.13 | 4903.78    | 0.84    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.33    | 0.31    | 0.32       | 2.70    | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.11    | 0.12    | 0.12       | 3.21    | ppb   |
| Copper     | 63-2  | 163.27  | 163.57  | 165.03  | 163.96     | 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  | 32.47   | 32.41   | 33.47   | 32.79      | 1.82    | ppb   |
| Iron       | 57-2  | 36.58   | 36.09   | 35.88   | 36.18      | 0.99    | ppb   |
| Lead       | 206-1 | 0.28    | 0.27    | 0.29    | 0.28       | 3.40    | ppb   |
| Lead       | 207-1 | 0.28    | 0.24    | 0.28    | 0.27       | 8.11    | ppb   |
| Lead       | 208-1 | 0.27    | 0.26    | 0.28    | 0.27       | 2.76    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1371.74 | 1379.70 | 1393.22 | 1381.55    | 0.79    | ppb   |
| Manganese  | 55-2  | 13.90   | 13.82   | 14.16   | 13.96      | 1.28    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-31-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:44:24  | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 7.76    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.02    | 0.03       | 29.09   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.03    | 0.03       | 14.00   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.03    | 0.03       | 13.77   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.03    | 0.03       | 19.60   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.17    | 1.12    | 1.16    | 1.15       | 2.47    | ppb   |
| Phosphorus | 31-2  | 621.13  | 597.05  | 615.38  | 611.19     | 2.06    | ppb   |
| Potassium  | 39-2  | 441.24  | 443.20  | 440.68  | 441.71     | 0.30    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.04    | 0.11    | 0.69    | 0.28       | 128.01  | ppb   |
| Selenium   | 82-1  | 0.79    | 0.34    | 0.58    | 0.57       | 39.27   | ppb   |
| Silicon    | 28-1  | 829.69  | 842.54  | 834.56  | 835.59     | 0.78    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 72.82   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 36.80   | ppb   |
| Sodium     | 23-2  | 9439.85 | 9512.54 | 9569.84 | 9507.41    | 0.69    | ppb   |
| Strontium  | 86-1  | 15.98   | 16.06   | 16.18   | 16.07      | 0.60    | ppb   |
| Strontium  | 88-1  | 16.02   | 16.04   | 15.92   | 15.99      | 0.38    | ppb   |
| Sulfur     | 34-1  | -930.31 | -877.99 | -877.87 | -895.39    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.95    | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.02       | 9.22    | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.01    | 0.00       | 58.70   | ppb   |
| Titanium   | 47-1  | 0.43    | 0.38    | 0.36    | 0.39       | 8.69    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 20.50   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 4.18    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 147.01  | 146.61  | 146.91  | 146.85     | 0.14    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.74   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-31-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:44:24  | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.04    | 0.03       | 43.25   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-32 Instrumnet Name : P7  
 Client Sample ID : DC14598-32-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:47:49 DataFile Name : 057SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.10   | 12.98   | 12.50   | 11.86      | 13.01   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 5.24    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.27    | 0.28    | 0.28       | 5.46    | ppb   |
| Barium     | 135-1 | 14.23   | 13.81   | 14.10   | 14.05      | 1.54    | ppb   |
| Barium     | 137-1 | 13.89   | 13.52   | 13.72   | 13.71      | 1.36    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.02    | 0.02       | 72.93   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.91    | 5.39    | 5.73    | 5.68       | 4.71    | ppb   |
| Boron      | 11-1  | 6.26    | 6.29    | 6.53    | 6.36       | 2.27    | ppb   |
| Cadmium    | 111-1 | -0.58   | -0.70   | -0.71   | -0.66      |         | ppb   |
| Cadmium    | 106-1 | -7.81   | -9.35   | -9.37   | -8.84      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.01   | -0.01   | 0.00       | 8143.62 | ppb   |
| Calcium    | 43-1  | 4834.52 | 4863.01 | 4987.59 | 4895.04    | 1.66    | ppb   |
| Calcium    | 44-1  | 4915.76 | 4884.84 | 4926.36 | 4908.99    | 0.44    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.33    | 0.32    | 0.32       | 4.07    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.08    | 0.07    | 0.08       | 9.46    | ppb   |
| Copper     | 63-2  | 190.86  | 191.18  | 189.50  | 190.51     | 0.47    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 35.55   | 36.88   | 33.82   | 35.42      | 4.33    | ppb   |
| Iron       | 57-2  | 38.94   | 39.81   | 39.85   | 39.53      | 1.30    | ppb   |
| Lead       | 206-1 | 0.11    | 0.09    | 0.15    | 0.12       | 29.16   | ppb   |
| Lead       | 207-1 | 0.11    | 0.10    | 0.10    | 0.10       | 4.31    | ppb   |
| Lead       | 208-1 | 0.11    | 0.10    | 0.12    | 0.11       | 9.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1273.03 | 1275.97 | 1243.26 | 1264.08    | 1.43    | ppb   |
| Manganese  | 55-2  | 15.34   | 15.27   | 15.14   | 15.25      | 0.66    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-32-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:47:49  | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.02    | 0.02    | 0.02       | 21.96   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.04    | 0.04    | 0.03       | 25.91   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.03    | 0.03       | 6.53    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.05    | 0.01    | 0.03       | 62.07   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.04    | 0.03    | 0.03       | 21.17   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.44    | 0.42    | 0.44    | 0.43       | 2.59    | ppb   |
| Phosphorus | 31-2  | 622.76  | 574.14  | 583.16  | 593.35     | 4.36    | ppb   |
| Potassium  | 39-2  | 437.52  | 428.62  | 423.83  | 429.99     | 1.62    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.41    | -0.09   | -0.09   | 0.08       | 384.79  | ppb   |
| Selenium   | 78-2  | 0.03    | 0.07    | 0.33    | 0.15       | 112.79  | ppb   |
| Selenium   | 82-1  | 0.63    | 0.45    | 0.66    | 0.58       | 19.28   | ppb   |
| Silicon    | 28-1  | 838.00  | 817.24  | 818.52  | 824.59     | 1.41    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 53.77   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9510.85 | 9453.68 | 9395.32 | 9453.28    | 0.61    | ppb   |
| Strontium  | 86-1  | 16.03   | 15.97   | 15.71   | 15.90      | 1.09    | ppb   |
| Strontium  | 88-1  | 15.88   | 15.87   | 15.92   | 15.89      | 0.18    | ppb   |
| Sulfur     | 34-1  | -829.19 | -887.64 | -770.15 | -828.99    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.10    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 4.41    | ppb   |
| Tin        | 118-1 | 0.01    | 0.00    | 0.01    | 0.01       | 94.93   | ppb   |
| Titanium   | 47-1  | 0.50    | 0.47    | 0.40    | 0.46       | 11.17   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.36   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.06    | 0.06       | 4.98    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 14.43   | 14.28   | 14.16   | 14.29      | 0.95    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 38.38   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-32-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:47:49  | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 20.14   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-33 Instrumnet Name : P7  
 Client Sample ID : DC14598-33-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:51:15 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 26.75   | 21.36   | 17.97   | 22.03      | 20.10   | ppb   |
| Antimony   | 121-1 | 0.14    | 0.13    | 0.12    | 0.13       | 6.08    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.29    | 0.28    | 0.29       | 5.77    | ppb   |
| Barium     | 135-1 | 13.96   | 14.43   | 14.24   | 14.21      | 1.69    | ppb   |
| Barium     | 137-1 | 14.72   | 14.33   | 14.29   | 14.45      | 1.64    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 230.38  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.39    | 7.85    | 7.77    | 7.67       | 3.20    | ppb   |
| Boron      | 11-1  | 7.29    | 7.78    | 8.02    | 7.70       | 4.80    | ppb   |
| Cadmium    | 111-1 | -0.77   | -0.63   | -0.73   | -0.71      |         | ppb   |
| Cadmium    | 106-1 | -10.28  | -8.34   | -9.74   | -9.46      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4872.45 | 4945.58 | 4866.59 | 4894.87    | 0.90    | ppb   |
| Calcium    | 44-1  | 4910.92 | 4916.54 | 4881.13 | 4902.86    | 0.39    | ppb   |
| Chromium   | 52-2  | 0.38    | 0.42    | 0.34    | 0.38       | 10.74   | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.24    | 0.21    | 0.22       | 7.37    | ppb   |
| Copper     | 63-2  | 174.51  | 174.21  | 172.31  | 173.68     | 0.69    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 46.74   | 48.15   | 47.59   | 47.49      | 1.49    | ppb   |
| Iron       | 57-2  | 52.37   | 48.66   | 53.14   | 51.39      | 4.67    | ppb   |
| Lead       | 206-1 | 0.45    | 0.45    | 0.47    | 0.46       | 3.29    | ppb   |
| Lead       | 207-1 | 0.42    | 0.42    | 0.40    | 0.41       | 3.11    | ppb   |
| Lead       | 208-1 | 0.43    | 0.45    | 0.45    | 0.45       | 2.62    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1569.05 | 1569.12 | 1547.69 | 1561.95    | 0.79    | ppb   |
| Manganese  | 55-2  | 24.31   | 24.74   | 24.50   | 24.52      | 0.89    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-33-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:51:15  | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.02       | 28.41   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.03    | 0.03       | 11.55   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.04    | 0.03       | 19.35   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.02    | 0.03    | 0.03       | 48.69   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.03       | 14.97   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.74    | 0.71    | 0.75    | 0.73       | 2.90    | ppb   |
| Phosphorus | 31-2  | 572.41  | 614.11  | 655.56  | 614.03     | 6.77    | ppb   |
| Potassium  | 39-2  | 445.81  | 433.75  | 434.22  | 437.93     | 1.56    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.42    | 0.16    | 0.16    | 0.24       | 61.23   | ppb   |
| Selenium   | 78-2  | -0.15   | -0.09   | 0.24    | 0.00       | 5494.34 | ppb   |
| Selenium   | 82-1  | 0.79    | 0.24    | 0.84    | 0.62       | 52.97   | ppb   |
| Silicon    | 28-1  | 858.33  | 868.80  | 856.61  | 861.25     | 0.77    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 62.36   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 35.67   | ppb   |
| Sodium     | 23-2  | 9639.33 | 9737.60 | 9537.63 | 9638.19    | 1.04    | ppb   |
| Strontium  | 86-1  | 15.91   | 16.01   | 16.16   | 16.03      | 0.78    | ppb   |
| Strontium  | 88-1  | 15.73   | 15.95   | 16.10   | 15.93      | 1.19    | ppb   |
| Sulfur     | 34-1  | -807.00 | -723.22 | -817.20 | -782.47    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.01    | 0.01       | 15.89   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.02       | 19.93   | ppb   |
| Tin        | 118-1 | 0.03    | 0.03    | 0.03    | 0.03       | 8.24    | ppb   |
| Titanium   | 47-1  | 0.45    | 0.35    | 0.48    | 0.43       | 15.96   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.19   | ppb   |
| Vanadium   | 51-2  | 0.08    | 0.09    | 0.07    | 0.08       | 13.36   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 101.91  | 102.07  | 101.76  | 101.91     | 0.15    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 18.87   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-33-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:51:15  | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.04    | 0.01    | 0.03       | 65.07   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-34 Instrumnet Name : P7  
 Client Sample ID : DC14598-34-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:54:40 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.69   | 13.37   | 12.21   | 12.42      | 6.91    | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.05       | 13.66   | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.30    | 0.27    | 0.29       | 7.10    | ppb   |
| Barium     | 135-1 | 13.98   | 13.53   | 14.01   | 13.84      | 1.93    | ppb   |
| Barium     | 137-1 | 13.65   | 13.46   | 14.10   | 13.73      | 2.38    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.03    | 0.00       | 699.24  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 7.06    | 8.09    | 5.91    | 7.02       | 15.52   | ppb   |
| Boron      | 11-1  | 6.79    | 6.24    | 6.70    | 6.57       | 4.46    | ppb   |
| Cadmium    | 111-1 | -0.71   | -0.66   | -0.60   | -0.65      |         | ppb   |
| Cadmium    | 106-1 | -9.46   | -8.89   | -7.98   | -8.77      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | 0.02    | 0.01       | 310.43  | ppb   |
| Calcium    | 43-1  | 4900.53 | 4837.84 | 4905.19 | 4881.19    | 0.77    | ppb   |
| Calcium    | 44-1  | 4925.05 | 4880.65 | 4867.04 | 4890.91    | 0.62    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.27    | 0.32    | 0.31       | 12.91   | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.10    | 0.11    | 0.11       | 7.32    | ppb   |
| Copper     | 63-2  | 190.86  | 188.89  | 188.94  | 189.56     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 38.36   | 36.81   | 37.60   | 37.59      | 2.06    | ppb   |
| Iron       | 57-2  | 41.01   | 39.10   | 41.31   | 40.47      | 2.96    | ppb   |
| Lead       | 206-1 | 0.25    | 0.24    | 0.22    | 0.24       | 6.56    | ppb   |
| Lead       | 207-1 | 0.20    | 0.23    | 0.17    | 0.20       | 13.60   | ppb   |
| Lead       | 208-1 | 0.22    | 0.22    | 0.21    | 0.22       | 3.27    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1315.01 | 1301.98 | 1305.79 | 1307.59    | 0.51    | ppb   |
| Manganese  | 55-2  | 16.58   | 16.72   | 16.36   | 16.55      | 1.10    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-34-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:54:40  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.03    | 0.02    | 0.02       | 35.56   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.05    | 0.03    | 0.04       | 29.35   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.04    | 0.03       | 15.41   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.03    | 0.03       | 16.88   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 11.49   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.51    | 0.48    | 0.54    | 0.51       | 6.63    | ppb   |
| Phosphorus | 31-2  | 613.90  | 643.58  | 623.14  | 626.87     | 2.42    | ppb   |
| Potassium  | 39-2  | 430.59  | 427.93  | 436.30  | 431.61     | 0.99    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.16    | -0.09   | 0.07       | 193.82  | ppb   |
| Selenium   | 78-2  | 0.68    | -0.19   | -0.15   | 0.11       | 439.06  | ppb   |
| Selenium   | 82-1  | 0.35    | 0.60    | 0.70    | 0.55       | 32.34   | ppb   |
| Silicon    | 28-1  | 835.84  | 837.14  | 802.89  | 825.29     | 2.35    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 284.35  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9505.73 | 9568.35 | 9521.48 | 9531.85    | 0.34    | ppb   |
| Strontium  | 86-1  | 16.05   | 16.37   | 16.07   | 16.16      | 1.10    | ppb   |
| Strontium  | 88-1  | 15.87   | 15.97   | 16.03   | 15.96      | 0.50    | ppb   |
| Sulfur     | 34-1  | -638.04 | -739.33 | -687.06 | -688.15    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.02    | 0.02       | 13.16   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 21.33   | ppb   |
| Tin        | 118-1 | 0.00    | 0.03    | 0.02    | 0.02       | 85.36   | ppb   |
| Titanium   | 47-1  | 0.46    | 0.35    | 0.39    | 0.40       | 14.09   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 30.07   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.06    | 0.07    | 0.06       | 9.20    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 22.22   | 21.87   | 21.38   | 21.82      | 1.93    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.02    | 0.01    | 0.02       | 12.16   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-34-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:54:40  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.01    | 0.03    | 0.03       | 45.26   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-35 Instrumnet Name : P7  
 Client Sample ID : DC14598-35-FL3-CL306 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:58:05 DataFile Name : 060SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 11.17   | 10.79   | 13.64   | 11.87      | 13.06   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.04       | 17.25   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.32    | 0.30    | 0.30       | 8.18    | ppb   |
| Barium     | 135-1 | 13.60   | 14.00   | 13.90   | 13.84      | 1.51    | ppb   |
| Barium     | 137-1 | 13.85   | 14.08   | 13.66   | 13.86      | 1.53    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.02    | 0.01       | 115.32  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.88    | 6.04    | 5.82    | 6.25       | 8.93    | ppb   |
| Boron      | 11-1  | 6.03    | 5.32    | 5.98    | 5.78       | 6.85    | ppb   |
| Cadmium    | 111-1 | -0.69   | -0.66   | -0.69   | -0.68      |         | ppb   |
| Cadmium    | 106-1 | -9.26   | -8.97   | -9.26   | -9.16      |         | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.02    | -0.01   | 0.01       | 284.08  | ppb   |
| Calcium    | 43-1  | 4917.57 | 4930.25 | 4912.06 | 4919.96    | 0.19    | ppb   |
| Calcium    | 44-1  | 4906.53 | 4882.14 | 4862.95 | 4883.87    | 0.45    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.34    | 0.34    | 0.34       | 0.82    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.07    | 0.07    | 0.07       | 5.39    | ppb   |
| Copper     | 63-2  | 207.50  | 208.73  | 208.53  | 208.25     | 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  | 34.80   | 35.27   | 35.61   | 35.22      | 1.15    | ppb   |
| Iron       | 57-2  | 38.69   | 43.17   | 38.69   | 40.18      | 6.44    | ppb   |
| Lead       | 206-1 | 0.40    | 0.43    | 0.39    | 0.40       | 4.74    | ppb   |
| Lead       | 207-1 | 0.41    | 0.36    | 0.38    | 0.38       | 6.93    | ppb   |
| Lead       | 208-1 | 0.40    | 0.39    | 0.39    | 0.40       | 1.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1183.72 | 1198.79 | 1183.51 | 1188.68    | 0.74    | ppb   |
| Manganese  | 55-2  | 17.90   | 17.79   | 17.89   | 17.86      | 0.32    | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-35 Instrumnet Name : P7  
 Client Sample ID : DC14598-35-FL3-CL306 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:58:05 DataFile Name : 060SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.03    | 0.02    | 0.02       | 5.12    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.04    | 0.03    | 0.03       | 30.05   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.03    | 0.03       | 34.96   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.03    | 0.02    | 0.02       | 30.71   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.02       | 28.69   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.84    | 3.69    | 3.81    | 3.78       | 2.07    | ppb   |
| Phosphorus | 31-2  | 602.84  | 616.53  | 599.41  | 606.26     | 1.49    | ppb   |
| Potassium  | 39-2  | 429.67  | 429.91  | 431.63  | 430.40     | 0.25    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.28    | 0.45    | 0.14    | 0.29       | 52.59   | ppb   |
| Selenium   | 82-1  | 0.61    | 0.71    | 0.64    | 0.65       | 7.52    | ppb   |
| Silicon    | 28-1  | 808.87  | 810.06  | 823.89  | 814.27     | 1.03    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 18.58   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 39.52   | ppb   |
| Sodium     | 23-2  | 9638.94 | 9664.98 | 9525.93 | 9609.95    | 0.77    | ppb   |
| Strontium  | 86-1  | 16.31   | 15.91   | 16.07   | 16.09      | 1.26    | ppb   |
| Strontium  | 88-1  | 16.26   | 16.01   | 16.13   | 16.13      | 0.75    | ppb   |
| Sulfur     | 34-1  | -723.33 | -808.70 | -765.77 | -765.93    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.77   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.02    | 0.02       | 28.32   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.44    | 0.44    | 0.38    | 0.42       | 7.85    | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 23.08   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.07    | 0.06       | 6.97    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 40.06   | 41.19   | 42.38   | 41.21      | 2.82    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 18.73   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-35-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:58:05  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 15.16   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-36 Instrumnet Name : P7  
 Client Sample ID : DC14598-36-FL3-CL306 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:01:31 DataFile Name : 061SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.31    | 9.17    | 8.78    | 8.42       | 11.61   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.10    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.30    | 0.34    | 0.30       | 14.37   | ppb   |
| Barium     | 135-1 | 13.79   | 13.78   | 13.33   | 13.63      | 1.95    | ppb   |
| Barium     | 137-1 | 13.35   | 13.40   | 13.36   | 13.37      | 0.18    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.00    | 0.02       | 108.56  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.49    | 5.32    | 5.62    | 5.14       | 11.46   | ppb   |
| Boron      | 11-1  | 4.42    | 4.65    | 5.18    | 4.75       | 8.22    | ppb   |
| Cadmium    | 111-1 | -0.66   | -0.67   | -0.69   | -0.67      |         | ppb   |
| Cadmium    | 106-1 | -8.78   | -8.91   | -9.26   | -8.98      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | 0.07    | -0.02   | 0.02       | 186.14  | ppb   |
| Calcium    | 43-1  | 4890.02 | 4900.74 | 4999.52 | 4930.09    | 1.22    | ppb   |
| Calcium    | 44-1  | 4924.76 | 4933.36 | 4919.67 | 4925.93    | 0.14    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.31    | 0.30    | 0.30       | 4.02    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 6.35    | ppb   |
| Copper     | 63-2  | 232.24  | 234.98  | 231.78  | 233.00     | 0.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 28.92   | 29.68   | 28.72   | 29.11      | 1.75    | ppb   |
| Iron       | 57-2  | 37.11   | 33.99   | 34.43   | 35.18      | 4.79    | ppb   |
| Lead       | 206-1 | 0.03    | 0.05    | 0.03    | 0.04       | 28.57   | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.03    | 0.04       | 19.40   | ppb   |
| Lead       | 208-1 | 0.04    | 0.05    | 0.03    | 0.04       | 17.87   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1081.80 | 1082.80 | 1070.51 | 1078.37    | 0.63    | ppb   |
| Manganese  | 55-2  | 13.69   | 13.56   | 13.65   | 13.63      | 0.48    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-36-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:01:31  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.02       | 25.95   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.03    | 0.02    | 0.02       | 31.82   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03    | 0.03    | 0.03       | 19.28   | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.02    | 0.03    | 0.03       | 20.56   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.04    | 0.03    | 0.03       | 20.82   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.62    | 0.64    | 0.70    | 0.65       | 6.26    | ppb   |
| Phosphorus | 31-2  | 628.03  | 705.57  | 658.42  | 664.01     | 5.88    | ppb   |
| Potassium  | 39-2  | 433.14  | 436.42  | 428.53  | 432.70     | 0.92    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.67    | 0.16       | 272.07  | ppb   |
| Selenium   | 78-2  | 0.76    | 0.31    | 0.10    | 0.39       | 87.40   | ppb   |
| Selenium   | 82-1  | 0.70    | 0.25    | 0.49    | 0.48       | 46.52   | ppb   |
| Silicon    | 28-1  | 808.32  | 806.63  | 810.21  | 808.38     | 0.22    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 75.88   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9617.55 | 9707.00 | 9713.82 | 9679.46    | 0.55    | ppb   |
| Strontium  | 86-1  | 15.97   | 15.87   | 16.34   | 16.06      | 1.55    | ppb   |
| Strontium  | 88-1  | 16.03   | 15.98   | 15.97   | 15.99      | 0.21    | ppb   |
| Sulfur     | 34-1  | -881.94 | -945.30 | -889.14 | -905.46    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.02    | 0.01    | 0.01       | 30.09   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.01    | 0.01    | 0.01       | 9.88    | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.00    | 0.01       | 111.49  | ppb   |
| Titanium   | 47-1  | 0.36    | 0.47    | 0.48    | 0.44       | 15.21   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.01    | 0.00    | 0.00       | 17.75   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.06    | 0.07    | 0.06       | 9.29    | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 11.57   | 11.56   | 11.41   | 11.51      | 0.78    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.00    | 0.01       | 56.66   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-36-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:01:31  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.03    | 0.02       | 41.68   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.05   | -0.39   | -0.34   | -0.26      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 38.79   | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 191.10  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.09    | -0.07   | 0.40    | 0.14       | 169.02  | ppb   |
| Boron      | 11-1  | 0.49    | 0.20    | 0.15    | 0.28       | 65.36   | ppb   |
| Cadmium    | 111-1 | -0.68   | -0.74   | -0.69   | -0.70      |         | ppb   |
| Cadmium    | 106-1 | -8.99   | -9.66   | -9.20   | -9.29      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.11    | -0.01   | 0.02       | 478.96  | ppb   |
| Calcium    | 43-1  | -17.88  | -17.42  | -13.83  | -16.37     |         | ppb   |
| Calcium    | 44-1  | -20.37  | -20.74  | -20.82  | -20.64     |         | ppb   |
| Chromium   | 52-2  | 0.11    | 0.07    | 0.05    | 0.08       | 39.06   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | 0.02    | 0.02       | 20.01   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.25    | 0.25    | 0.32    | 0.27       | 16.10   | ppb   |
| Iron       | 57-2  | -0.59   | -0.23   | -0.45   | -0.42      |         | ppb   |
| Lead       | 206-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.18    | 0.20    | -0.39   | 0.00       |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 255.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.00     | 0.00       | 181.21  | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | 0.01     | 0.00       | 1204.48 | ppb   |
| Phosphorus | 31-2  | -13.00   | -7.50    | -14.28   | -11.59     |         | ppb   |
| Potassium  | 39-2  | 3.50     | 1.47     | 3.56     | 2.84       | 41.82   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.15     | -0.28    | -0.26    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.19     | 0.28     | 0.22     | 0.23       | 20.08   | ppb   |
| Silicon    | 28-1  | -17.34   | -16.81   | -16.76   | -16.97     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 99.19   | ppb   |
| Silver     | 107-1 | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 18.81    | 16.97    | 17.67    | 17.82      | 5.23    | ppb   |
| Strontium  | 86-1  | -0.07    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2037.35 | -1971.08 | -1895.41 | -1967.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.02     | 0.01       | 94.49   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.10   | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.02    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.04    | -0.03    | -0.03    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 1755.99 | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.04     | 0.13     | 0.12     | 0.10       | 48.63   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.15    | 0.05    | -0.18   | 0.01       | 2112.86 | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 11.66   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.01    | 0.00       | 1575.83 | ppb   |
| Barium     | 135-1 | 0.02    | 0.01    | 0.03    | 0.02       | 61.46   | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.75   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | -0.02   | 0.00       | 1805.99 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.40    | 0.54    | 1.11    | 0.68       | 55.42   | ppb   |
| Boron      | 11-1  | 0.48    | 0.48    | 0.48    | 0.48       | 0.46    | ppb   |
| Cadmium    | 111-1 | -0.67   | -0.66   | -0.68   | -0.67      |         | ppb   |
| Cadmium    | 106-1 | -8.98   | -8.76   | -9.03   | -8.92      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.01   | 0.05    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -2.38   | 3.14    | 6.76    | 2.51       | 183.64  | ppb   |
| Calcium    | 44-1  | -2.95   | -1.97   | -2.11   | -2.34      |         | ppb   |
| Chromium   | 52-2  | 0.06    | 0.09    | 0.05    | 0.07       | 28.46   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 21.16   | ppb   |
| Copper     | 63-2  | 0.02    | 0.04    | 0.02    | 0.03       | 35.05   | 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  | 0.66    | 0.65    | 0.48    | 0.60       | 17.01   | ppb   |
| Iron       | 57-2  | -0.03   | -0.39   | -0.74   | -0.39      |         | ppb   |
| Lead       | 206-1 | 435.67  | 435.54  | 435.83  | 435.68     | 0.03    | ppb   |
| Lead       | 207-1 | 433.19  | 434.40  | 434.43  | 434.01     | 0.16    | ppb   |
| Lead       | 208-1 | 461.06  | 462.65  | 462.90  | 462.21     | 0.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.17    | 0.28    | 0.65    | 0.37       | 69.50   | ppb   |
| Manganese  | 55-2  | 0.05    | 0.05    | 0.05    | 0.05       | 6.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02     | 0.01     | 0.01     | 0.02       | 29.01   | ppb   |
| Phosphorus | 31-2  | -7.67    | -10.35   | -11.51   | -9.84      |         | ppb   |
| Potassium  | 39-2  | 3.46     | -1.36    | -1.87    | 0.08       | 3854.81 | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.16     | -0.09    | 0.08       | 188.47  | ppb   |
| Selenium   | 78-2  | -0.34    | -0.46    | -0.89    | -0.56      |         | ppb   |
| Selenium   | 82-1  | 0.25     | 0.61     | 0.74     | 0.54       | 47.24   | ppb   |
| Silicon    | 28-1  | -16.38   | -16.43   | -15.91   | -16.24     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 19.02    | 19.70    | 17.76    | 18.82      | 5.21    | ppb   |
| Strontium  | 86-1  | -0.01    | -0.03    | 0.00     | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 3.12    | ppb   |
| Sulfur     | 34-1  | -1938.84 | -1969.41 | -1912.35 | -1940.20   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 20.82   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 17.91   | ppb   |
| Tin        | 118-1 | -0.04    | -0.03    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.02    | -0.03    | -0.05    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.91     | 1.98     | 1.97     | 1.95       | 2.08    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.34   | -0.24   | -0.62   | -0.40      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 18.62   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.01    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | -0.01   | 0.00       | 584.91  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.31    | 0.69    | 0.39    | 0.46       | 43.30   | ppb   |
| Boron      | 11-1  | 0.31    | 0.42    | 0.51    | 0.41       | 24.55   | ppb   |
| Cadmium    | 111-1 | -0.68   | -0.63   | -0.67   | -0.66      |         | ppb   |
| Cadmium    | 106-1 | -9.01   | -8.33   | -8.90   | -8.75      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.00    | -0.04   | 0.00       |         | ppb   |
| Calcium    | 43-1  | -5.66   | -6.59   | -8.12   | -6.79      |         | ppb   |
| Calcium    | 44-1  | -9.71   | -9.16   | -9.47   | -9.45      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.06    | 0.06    | 0.05       | 22.76   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 103.29  | ppb   |
| Copper     | 63-2  | 0.01    | 0.03    | 0.01    | 0.02       | 65.33   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.34    | 0.30    | 0.28    | 0.31       | 9.50    | ppb   |
| Iron       | 57-2  | -0.13   | -0.40   | -0.14   | -0.22      |         | ppb   |
| Lead       | 206-1 | 448.58  | 456.77  | 450.90  | 452.08     | 0.93    | ppb   |
| Lead       | 207-1 | 447.09  | 456.27  | 450.53  | 451.29     | 1.03    | ppb   |
| Lead       | 208-1 | 479.07  | 484.07  | 482.20  | 481.78     | 0.52    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.19   | 0.08    | 0.55    | 0.15       | 250.16  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.01    | 0.01       | 74.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.01     | 0.01     | 0.00     | 0.01       | 102.12  | ppb   |
| Phosphorus | 31-2  | -9.49    | -8.14    | -13.41   | -10.35     |         | ppb   |
| Potassium  | 39-2  | -2.18    | -0.62    | 1.88     | -0.31      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.48     | 0.30     | -0.14    | 0.21       | 148.90  | ppb   |
| Selenium   | 82-1  | 0.62     | 0.32     | 0.37     | 0.43       | 37.47   | ppb   |
| Silicon    | 28-1  | -13.79   | -13.02   | -13.04   | -13.28     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 16.09    | 14.68    | 14.79    | 15.18      | 5.16    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.05    | 0.01     | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1797.94 | -1852.35 | -1922.80 | -1857.70   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 60.32   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.01     | 0.00       | 42.35   | ppb   |
| Tin        | 118-1 | -0.03    | -0.02    | -0.06    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.06    | -0.02    | -0.02    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.01     | 0.01       | 7.31    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.40     | 0.39     | 0.40     | 0.39       | 1.92    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.68   | -0.41   | -0.58   | -0.55      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 144.42  | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | -0.01   | 0.00       | 2112.38 | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 877.73  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.39    | -0.08   | 0.07    | 0.13       | 189.01  | ppb   |
| Boron      | 11-1  | -0.05   | 0.19    | 0.05    | 0.06       | 185.88  | ppb   |
| Cadmium    | 111-1 | -0.66   | -0.68   | -0.68   | -0.67      |         | ppb   |
| Cadmium    | 106-1 | -8.62   | -8.97   | -9.01   | -8.86      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.04   | -0.01   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -17.80  | -21.77  | -23.32  | -20.97     |         | ppb   |
| Calcium    | 44-1  | -21.64  | -23.05  | -25.21  | -23.30     |         | ppb   |
| Chromium   | 52-2  | 0.01    | 0.05    | 0.02    | 0.03       | 80.29   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | -0.02   | 0.00       | 920.67  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.12    | 0.10    | 0.14    | 0.12       | 15.85   | ppb   |
| Iron       | 57-2  | -0.62   | -0.93   | -0.31   | -0.62      |         | ppb   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.17   | -0.07   | 0.00    | -0.08      |         | ppb   |
| Manganese  | 55-2  | 0.08    | 0.08    | 0.07    | 0.08       | 6.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -5.37    | -21.34   | -17.76   | -14.82     |         | ppb   |
| Potassium  | 39-2  | -1.58    | -2.22    | 1.08     | -0.91      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.33     | 0.92     | 0.26     | 0.51       | 71.65   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.55     | 0.54     | 0.48       | 25.74   | ppb   |
| Silicon    | 28-1  | -17.39   | -17.57   | -17.69   | -17.55     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.66    | 14.70    | 14.92    | 15.10      | 3.32    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.03    | -0.02    | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1822.48 | -1807.82 | -1889.08 | -1839.79   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 152.38  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 262.19  | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.05    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.03    | -0.04    | -0.03    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.03     | -0.02    | 0.04     | 0.01       | 223.72  | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.02    | -0.01    | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-01 Instrumnet Name : P7  
 Client Sample ID : DC747-01-FL1-CL1-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:18:38 DataFile Name : 066SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 32.72   | 32.16   | 32.27   | 32.38      | 0.91    | ppb   |
| Antimony   | 121-1 | 0.49    | 0.51    | 0.49    | 0.50       | 2.25    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.25    | 0.31    | 0.27       | 11.52   | ppb   |
| Barium     | 135-1 | 14.49   | 14.21   | 14.11   | 14.27      | 1.38    | ppb   |
| Barium     | 137-1 | 14.23   | 14.54   | 14.03   | 14.27      | 1.81    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 220.24  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.40    | 4.01    | 5.37    | 4.59       | 15.22   | ppb   |
| Boron      | 11-1  | 4.37    | 4.54    | 4.90    | 4.60       | 5.94    | ppb   |
| Cadmium    | 111-1 | -0.72   | -0.63   | -0.66   | -0.67      |         | ppb   |
| Cadmium    | 106-1 | -9.65   | -8.43   | -8.85   | -8.98      |         | ppb   |
| Cadmium    | 108-1 | 0.08    | 0.04    | -0.03   | 0.03       | 178.42  | ppb   |
| Calcium    | 43-1  | 4803.48 | 4773.60 | 4855.28 | 4810.78    | 0.86    | ppb   |
| Calcium    | 44-1  | 4860.85 | 4800.67 | 4882.88 | 4848.13    | 0.88    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.27    | 0.23    | 0.27       | 16.72   | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.03       | 14.99   | ppb   |
| Copper     | 63-2  | 218.22  | 219.27  | 217.32  | 218.27     | 0.45    | 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  | 20.76   | 20.99   | 21.08   | 20.94      | 0.79    | ppb   |
| Iron       | 57-2  | 51.33   | 25.17   | 25.23   | 33.91      | 44.50   | ppb   |
| Lead       | 206-1 | 0.45    | 0.44    | 0.43    | 0.44       | 2.16    | ppb   |
| Lead       | 207-1 | 0.42    | 0.42    | 0.40    | 0.41       | 3.06    | ppb   |
| Lead       | 208-1 | 0.46    | 0.43    | 0.43    | 0.44       | 4.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1076.11 | 1072.10 | 1069.84 | 1072.68    | 0.30    | ppb   |
| Manganese  | 55-2  | 13.29   | 13.01   | 12.80   | 13.03      | 1.92    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-01-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:18:38   | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.03    | 0.03       | 12.90   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 5.02    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.04    | 0.03    | 0.03       | 9.32    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.02    | 0.02       | 10.87   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 12.36   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.12    | 2.10    | 2.07    | 2.09       | 1.21    | ppb   |
| Phosphorus | 31-2  | 601.60  | 539.76  | 537.81  | 559.73     | 6.48    | ppb   |
| Potassium  | 39-2  | 431.98  | 422.81  | 427.40  | 427.40     | 1.07    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.36    | 0.59    | 0.30    | 0.42       | 36.53   | ppb   |
| Selenium   | 82-1  | 0.57    | 0.79    | 0.64    | 0.66       | 16.48   | ppb   |
| Silicon    | 28-1  | 785.20  | 784.42  | 820.90  | 796.84     | 2.62    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 70.00   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 39.69   | ppb   |
| Sodium     | 23-2  | 9924.33 | 9875.40 | 9727.66 | 9842.46    | 1.04    | ppb   |
| Strontium  | 86-1  | 16.10   | 15.69   | 16.29   | 16.03      | 1.90    | ppb   |
| Strontium  | 88-1  | 15.81   | 15.69   | 15.81   | 15.77      | 0.46    | ppb   |
| Sulfur     | 34-1  | -716.29 | -734.12 | -512.72 | -654.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.43    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.98   | ppb   |
| Tin        | 118-1 | 0.04    | 0.04    | 0.03    | 0.04       | 20.08   | ppb   |
| Titanium   | 47-1  | 0.36    | 0.35    | 1.85    | 0.85       | 100.65  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 13.30   | ppb   |
| Vanadium   | 51-2  | 0.06    | 0.05    | 0.07    | 0.06       | 12.87   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 164.92  | 167.56  | 166.66  | 166.38     | 0.81    | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.02    | 0.03       | 29.91   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-01-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:18:38   | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.52   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-02 Instrumnet Name : P7  
 Client Sample ID : DC747-02-FL1-CL1-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:22:03 DataFile Name : 067SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 7.62    | 8.28    | 7.18    | 7.69       | 7.22    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 6.81    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.35    | 0.28    | 0.29       | 16.18   | ppb   |
| Barium     | 135-1 | 14.50   | 14.50   | 14.71   | 14.57      | 0.84    | ppb   |
| Barium     | 137-1 | 14.72   | 14.36   | 14.59   | 14.56      | 1.27    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 221.26  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.13    | 4.86    | 3.92    | 4.64       | 13.71   | ppb   |
| Boron      | 11-1  | 4.53    | 4.91    | 5.28    | 4.91       | 7.58    | ppb   |
| Cadmium    | 111-1 | -0.70   | -0.74   | -0.82   | -0.75      |         | ppb   |
| Cadmium    | 106-1 | -9.34   | -9.89   | -10.82  | -10.01     |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4838.18 | 4836.48 | 4803.06 | 4825.90    | 0.41    | ppb   |
| Calcium    | 44-1  | 4801.35 | 4782.46 | 4860.68 | 4814.83    | 0.85    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.34    | 0.32    | 0.31       | 8.26    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 16.35   | ppb   |
| Copper     | 63-2  | 231.76  | 229.44  | 229.23  | 230.15     | 0.61    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 15.52   | 15.07   | 15.37   | 15.32      | 1.48    | ppb   |
| Iron       | 57-2  | 22.49   | 21.29   | 19.20   | 20.99      | 7.92    | ppb   |
| Lead       | 206-1 | 0.02    | 0.03    | 0.05    | 0.03       | 42.78   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.03    | 0.03       | 15.67   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.73    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1085.74 | 1073.23 | 1075.78 | 1078.25    | 0.61    | ppb   |
| Manganese  | 55-2  | 8.97    | 8.46    | 8.75    | 8.73       | 2.88    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-02-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:22:03   | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02    | 0.02    | 0.02       | 4.33    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03    | 0.02    | 0.02       | 25.46   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03    | 0.03    | 0.03       | 8.81    | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03    | 0.02    | 0.03       | 34.33   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03    | 0.02    | 0.03       | 17.78   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.29     | 0.26    | 0.25    | 0.27       | 8.21    | ppb   |
| Phosphorus | 31-2  | 631.31   | 645.48  | 610.81  | 629.20     | 2.77    | ppb   |
| Potassium  | 39-2  | 431.38   | 431.70  | 430.48  | 431.18     | 0.15    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09   | -0.09   | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.77     | 0.41    | 0.35    | 0.51       | 45.07   | ppb   |
| Selenium   | 82-1  | 0.46     | 0.44    | 0.77    | 0.56       | 33.66   | ppb   |
| Silicon    | 28-1  | 798.13   | 780.44  | 804.81  | 794.46     | 1.59    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00    | 0.00    | 0.00       | 26.45   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       | 50.89   | ppb   |
| Sodium     | 23-2  | 10033.01 | 9959.06 | 9894.93 | 9962.33    | 0.69    | ppb   |
| Strontium  | 86-1  | 15.96    | 16.23   | 16.19   | 16.12      | 0.91    | ppb   |
| Strontium  | 88-1  | 16.16    | 16.06   | 16.12   | 16.11      | 0.33    | ppb   |
| Sulfur     | 34-1  | -785.87  | -806.89 | -862.79 | -818.52    |         | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.01    | 0.01       | 10.33   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01    | 0.02    | 0.01       | 16.81   | ppb   |
| Tin        | 118-1 | -0.02    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.24     | 0.28    | 0.39    | 0.30       | 24.84   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.01    | 0.01       | 13.91   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.06    | 0.05    | 0.06       | 7.23    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 5.92     | 5.87    | 5.59    | 5.79       | 3.10    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01    | 0.01       | 7.47    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-02-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:22:03   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 22.44   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-03 Instrumnet Name : P7  
 Client Sample ID : DC747-03-FL1-CL1-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:25:27 DataFile Name : 068SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 126.51  | 121.28  | 127.70  | 125.16     | 2.73    | ppb   |
| Antimony   | 121-1 | 0.70    | 0.65    | 0.68    | 0.68       | 3.37    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.35    | 0.31    | 0.32       | 10.28   | ppb   |
| Barium     | 135-1 | 14.40   | 14.38   | 14.00   | 14.26      | 1.57    | ppb   |
| Barium     | 137-1 | 13.91   | 13.70   | 14.19   | 13.93      | 1.74    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.02    | 0.01       | 186.82  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.54    | 6.00    | 4.91    | 5.81       | 14.27   | ppb   |
| Boron      | 11-1  | 5.31    | 4.81    | 4.98    | 5.04       | 5.03    | ppb   |
| Cadmium    | 111-1 | -0.68   | -0.68   | -0.70   | -0.68      |         | ppb   |
| Cadmium    | 106-1 | -9.12   | -9.01   | -9.22   | -9.12      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.10    | 0.06    | 0.05       | 120.48  | ppb   |
| Calcium    | 43-1  | 4989.33 | 4924.63 | 4906.45 | 4940.14    | 0.88    | ppb   |
| Calcium    | 44-1  | 4938.29 | 4953.14 | 4936.02 | 4942.48    | 0.19    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.26    | 0.26    | 0.26       | 2.34    | ppb   |
| Cobalt     | 59-2  | 0.05    | 0.05    | 0.05    | 0.05       | 6.12    | ppb   |
| Copper     | 63-2  | 219.18  | 218.46  | 217.80  | 218.48     | 0.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 23.39   | 23.04   | 22.89   | 23.11      | 1.12    | ppb   |
| Iron       | 57-2  | 23.51   | 27.44   | 28.53   | 26.49      | 9.98    | ppb   |
| Lead       | 206-1 | 0.33    | 0.30    | 0.33    | 0.32       | 4.74    | ppb   |
| Lead       | 207-1 | 0.31    | 0.31    | 0.29    | 0.30       | 3.37    | ppb   |
| Lead       | 208-1 | 0.31    | 0.32    | 0.32    | 0.32       | 2.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1085.57 | 1085.19 | 1078.10 | 1082.95    | 0.39    | ppb   |
| Manganese  | 55-2  | 13.34   | 12.92   | 12.97   | 13.08      | 1.77    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-03-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:25:27   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.02    | 0.02       | 9.49    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.02    | 0.03       | 35.19   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.03     | 0.02    | 0.02       | 33.95   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.03     | 0.02    | 0.02       | 59.47   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02    | 0.03       | 17.13   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 1.74     | 1.86     | 1.77    | 1.79       | 3.42    | ppb   |
| Phosphorus | 31-2  | 584.91   | 617.03   | 590.02  | 597.32     | 2.89    | ppb   |
| Potassium  | 39-2  | 427.81   | 424.33   | 433.82  | 428.65     | 1.12    | ppb   |
| Rhodium    | 103-1 |          |          |         |            |         | %     |
| Rhodium    | 103-2 |          |          |         |            |         | %     |
| Scandium   | 45-1  |          |          |         |            |         | %     |
| Scandium   | 45-2  |          |          |         |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.42     | 0.66    | 0.33       | 117.04  | ppb   |
| Selenium   | 78-2  | 0.29     | 0.52     | 0.44    | 0.41       | 28.01   | ppb   |
| Selenium   | 82-1  | 0.83     | 0.37     | 0.95    | 0.71       | 42.95   | ppb   |
| Silicon    | 28-1  | 807.24   | 804.58   | 811.94  | 807.92     | 0.46    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00    | 0.00       | 21.81   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10000.21 | 10088.61 | 9928.91 | 10005.91   | 0.80    | ppb   |
| Strontium  | 86-1  | 15.80    | 16.04    | 15.92   | 15.92      | 0.77    | ppb   |
| Strontium  | 88-1  | 15.85    | 15.93    | 15.96   | 15.92      | 0.36    | ppb   |
| Sulfur     | 34-1  | -801.00  | -730.44  | -694.88 | -742.10    |         | ppb   |
| Terbium    | 159-1 |          |          |         |            |         | %     |
| Terbium    | 159-2 |          |          |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02    | 0.01       | 17.32   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01    | 0.01       | 22.99   | ppb   |
| Tin        | 118-1 | 0.15     | 0.13     | 0.14    | 0.14       | 9.37    | ppb   |
| Titanium   | 47-1  | 0.42     | 0.43     | 0.40    | 0.42       | 4.16    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01    | 0.01       | 23.95   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.06     | 0.06    | 0.07       | 13.62   | ppb   |
| Yttrium    | 89-1  |          |          |         |            |         | %     |
| Yttrium    | 89-2  |          |          |         |            |         | %     |
| Zinc       | 66-2  | 184.04   | 184.67   | 186.53  | 185.08     | 0.70    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.03     | 0.01    | 0.02       | 48.12   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-03-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:25:27   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 9.23    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-04 Instrumnet Name : P7  
 Client Sample ID : DC747-04-FL1-CL1-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:28:52 DataFile Name : 069SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.10   | 12.93   | 10.99   | 11.34      | 12.77   | ppb   |
| Antimony   | 121-1 | 0.11    | 0.11    | 0.10    | 0.11       | 5.86    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.28    | 0.27    | 0.28       | 2.60    | ppb   |
| Barium     | 135-1 | 14.36   | 14.54   | 13.76   | 14.22      | 2.87    | ppb   |
| Barium     | 137-1 | 13.63   | 14.48   | 14.05   | 14.05      | 3.02    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.00    | 0.01       | 135.18  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.85    | 5.19    | 4.07    | 4.70       | 12.12   | ppb   |
| Boron      | 11-1  | 4.38    | 5.26    | 4.58    | 4.74       | 9.79    | ppb   |
| Cadmium    | 111-1 | -0.73   | -0.72   | -0.80   | -0.75      |         | ppb   |
| Cadmium    | 106-1 | -9.72   | -9.54   | -10.59  | -9.95      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.04   | 0.04    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4803.58 | 4818.63 | 4810.07 | 4810.76    | 0.16    | ppb   |
| Calcium    | 44-1  | 4832.36 | 4855.60 | 4810.37 | 4832.78    | 0.47    | ppb   |
| Chromium   | 52-2  | 0.35    | 0.33    | 0.32    | 0.33       | 4.57    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 14.58   | ppb   |
| Copper     | 63-2  | 197.44  | 196.36  | 196.52  | 196.77     | 0.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.33   | 17.81   | 19.33   | 18.16      | 5.77    | ppb   |
| Iron       | 57-2  | 21.43   | 20.90   | 22.09   | 21.47      | 2.78    | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.06    | 0.05       | 32.42   | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.06    | 0.04       | 33.30   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.06    | 0.05       | 13.26   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1082.38 | 1073.05 | 1064.72 | 1073.38    | 0.82    | ppb   |
| Manganese  | 55-2  | 10.02   | 10.25   | 10.02   | 10.09      | 1.32    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-04-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:28:52   | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.03    | 0.03    | 0.03       | 8.31    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 7.79    | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.05    | 0.03    | 0.04       | 28.02   | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.03    | 0.03    | 0.03       | 13.70   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.03    | 0.02    | 0.03       | 42.81   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.36    | 0.33    | 0.36    | 0.35       | 5.32    | ppb   |
| Phosphorus | 31-2  | 591.42  | 630.12  | 589.80  | 603.78     | 3.78    | ppb   |
| Potassium  | 39-2  | 434.44  | 429.48  | 431.30  | 431.74     | 0.58    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.16    | 0.16    | 0.16       | 1.65    | ppb   |
| Selenium   | 78-2  | 0.50    | 0.08    | 0.40    | 0.33       | 68.12   | ppb   |
| Selenium   | 82-1  | 0.78    | 0.84    | 0.37    | 0.66       | 38.77   | ppb   |
| Silicon    | 28-1  | 783.08  | 783.40  | 796.20  | 787.56     | 0.95    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 75.38   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9958.74 | 9927.74 | 9882.90 | 9923.13    | 0.38    | ppb   |
| Strontium  | 86-1  | 15.78   | 15.86   | 16.10   | 15.91      | 1.07    | ppb   |
| Strontium  | 88-1  | 15.84   | 15.77   | 15.84   | 15.82      | 0.25    | ppb   |
| Sulfur     | 34-1  | -917.39 | -833.15 | -727.44 | -825.99    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.02    | 0.02    | 0.01    | 0.01       | 4.74    | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 5.34    | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | -0.01   | 0.01       | 219.08  | ppb   |
| Titanium   | 47-1  | 0.36    | 0.39    | 0.38    | 0.38       | 4.29    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 15.63   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.08    | 0.05    | 0.06       | 22.20   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 10.43   | 10.62   | 10.15   | 10.40      | 2.28    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.03    | 0.02       | 40.59   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-04-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:28:52   | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.03    | 0.02       | 26.75   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-05 Instrumnet Name : P7  
 Client Sample ID : DC747-05-FL1-BRBCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:32:17 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 846.33  | 821.60  | 831.66  | 833.20     | 1.49    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.15    | 0.13       | 7.39    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.27    | 0.27    | 0.29       | 12.69   | ppb   |
| Barium     | 135-1 | 14.63   | 14.62   | 14.38   | 14.54      | 0.96    | ppb   |
| Barium     | 137-1 | 14.33   | 14.05   | 14.63   | 14.34      | 2.03    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.02    | 0.01       | 30.00   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 4.70    | 4.61    | 4.56       | 3.62    | ppb   |
| Boron      | 11-1  | 5.54    | 5.16    | 5.77    | 5.49       | 5.61    | ppb   |
| Cadmium    | 111-1 | -0.69   | -0.65   | -0.65   | -0.66      |         | ppb   |
| Cadmium    | 106-1 | -9.17   | -8.74   | -8.67   | -8.86      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.01    | 0.07    | 0.03       | 138.95  | ppb   |
| Calcium    | 43-1  | 5030.78 | 4963.81 | 4950.44 | 4981.68    | 0.86    | ppb   |
| Calcium    | 44-1  | 5031.58 | 4969.24 | 4991.18 | 4997.33    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.31    | 0.31    | 0.31       | 1.04    | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.23    | 0.23    | 0.23       | 2.63    | ppb   |
| Copper     | 63-2  | 388.29  | 380.04  | 383.85  | 384.06     | 1.07    | 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  | 72.86   | 71.06   | 71.06   | 71.66      | 1.45    | ppb   |
| Iron       | 57-2  | 71.89   | 72.35   | 76.73   | 73.66      | 3.63    | ppb   |
| Lead       | 206-1 | 0.48    | 0.46    | 0.50    | 0.48       | 4.49    | ppb   |
| Lead       | 207-1 | 0.46    | 0.42    | 0.44    | 0.44       | 5.02    | ppb   |
| Lead       | 208-1 | 0.47    | 0.46    | 0.47    | 0.47       | 0.99    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1110.96 | 1101.07 | 1117.65 | 1109.90    | 0.75    | ppb   |
| Manganese  | 55-2  | 32.21   | 31.56   | 31.99   | 31.92      | 1.03    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-05 Instrumnet Name : P7  
 Client Sample ID : DC747-05-FL1-BRBCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:32:17 DataFile Name : 070SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.03     | 0.05     | 0.04       | 26.70   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.85   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.03       | 16.89   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.00     | 0.02       | 70.62   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.02     | 0.02     | 0.02       | 22.55   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.31     | 3.12     | 3.12     | 3.18       | 3.49    | ppb   |
| Phosphorus | 31-2  | 615.16   | 678.48   | 626.30   | 639.98     | 5.28    | ppb   |
| Potassium  | 39-2  | 435.55   | 427.20   | 429.94   | 430.90     | 0.99    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.41     | 0.07       | 389.01  | ppb   |
| Selenium   | 78-2  | 0.10     | -0.14    | -0.03    | -0.02      |         | ppb   |
| Selenium   | 82-1  | 0.57     | 0.71     | 0.84     | 0.71       | 18.77   | ppb   |
| Silicon    | 28-1  | 862.39   | 847.02   | 838.00   | 849.14     | 1.45    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.00       | 55.48   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 309.69  | ppb   |
| Sodium     | 23-2  | 10073.95 | 10012.80 | 10056.24 | 10047.66   | 0.31    | ppb   |
| Strontium  | 86-1  | 15.81    | 15.62    | 15.46    | 15.63      | 1.13    | ppb   |
| Strontium  | 88-1  | 15.40    | 15.35    | 15.32    | 15.35      | 0.26    | ppb   |
| Sulfur     | 34-1  | -805.98  | -901.75  | -911.12  | -872.95    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 31.52   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 33.46   | ppb   |
| Tin        | 118-1 | 0.73     | 0.67     | 0.73     | 0.71       | 4.83    | ppb   |
| Titanium   | 47-1  | 0.67     | 0.62     | 0.78     | 0.69       | 12.29   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 10.76   | ppb   |
| Vanadium   | 51-2  | 0.13     | 0.11     | 0.14     | 0.13       | 12.81   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 83.22    | 83.12    | 84.77    | 83.70      | 1.11    | ppb   |
| Zirconium  | 90-1  | 0.05     | 0.08     | 0.04     | 0.06       | 34.39   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-05-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:32:17  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.05    | 0.06    | 0.06       | 18.63   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 799.63  | 803.86  | 807.27  | 803.59     | 0.48    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.60    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.28    | 0.34    | 0.28       | 18.98   | ppb   |
| Barium     | 135-1 | 15.22   | 15.65   | 14.98   | 15.28      | 2.21    | ppb   |
| Barium     | 137-1 | 15.23   | 15.15   | 15.24   | 15.21      | 0.32    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.00       | 233.73  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.39    | 5.28    | 5.41    | 5.69       | 10.60   | ppb   |
| Boron      | 11-1  | 5.78    | 5.72    | 5.68    | 5.73       | 0.84    | ppb   |
| Cadmium    | 111-1 | -0.71   | -0.71   | -0.74   | -0.72      |         | ppb   |
| Cadmium    | 106-1 | -9.48   | -9.35   | -9.73   | -9.52      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.03    | 0.06    | 0.02       | 235.32  | ppb   |
| Calcium    | 43-1  | 4809.07 | 4789.41 | 4737.39 | 4778.62    | 0.78    | ppb   |
| Calcium    | 44-1  | 4809.75 | 4789.66 | 4807.83 | 4802.41    | 0.23    | ppb   |
| Chromium   | 52-2  | 0.28    | 0.30    | 0.30    | 0.29       | 2.82    | ppb   |
| Cobalt     | 59-2  | 0.21    | 0.22    | 0.21    | 0.21       | 3.91    | ppb   |
| Copper     | 63-2  | 257.09  | 259.81  | 259.01  | 258.63     | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 54.13   | 55.59   | 55.26   | 54.99      | 1.39    | ppb   |
| Iron       | 57-2  | 60.59   | 55.98   | 59.02   | 58.53      | 4.01    | ppb   |
| Lead       | 206-1 | 0.18    | 0.17    | 0.17    | 0.17       | 2.78    | ppb   |
| Lead       | 207-1 | 0.16    | 0.16    | 0.14    | 0.16       | 6.97    | ppb   |
| Lead       | 208-1 | 0.17    | 0.16    | 0.16    | 0.17       | 2.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1064.75 | 1065.15 | 1083.56 | 1071.15    | 1.00    | ppb   |
| Manganese  | 55-2  | 23.87   | 24.55   | 24.30   | 24.24      | 1.41    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.04     | 0.04     | 0.04       | 17.57   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03     | 0.03     | 0.03       | 9.96    | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.04     | 0.03     | 0.03       | 20.00   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.04     | 0.04     | 0.03       | 51.97   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03     | 0.03     | 0.03       | 10.31   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.76    | 0.78     | 0.84     | 0.80       | 5.18    | ppb   |
| Phosphorus | 31-2  | 696.10  | 625.01   | 658.10   | 659.74     | 5.39    | ppb   |
| Potassium  | 39-2  | 432.10  | 429.48   | 435.00   | 432.19     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16    | 0.16     | -0.09    | 0.08       | 192.12  | ppb   |
| Selenium   | 78-2  | 0.37    | 0.57     | 0.58     | 0.51       | 23.35   | ppb   |
| Selenium   | 82-1  | 0.61    | 0.77     | 0.31     | 0.56       | 41.74   | ppb   |
| Silicon    | 28-1  | 845.04  | 844.44   | 850.32   | 846.60     | 0.38    | ppb   |
| Silver     | 109-1 | 0.01    | 0.00     | 0.00     | 0.00       | 146.53  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9986.24 | 10042.21 | 10010.40 | 10012.95   | 0.28    | ppb   |
| Strontium  | 86-1  | 15.73   | 15.30    | 15.59    | 15.54      | 1.40    | ppb   |
| Strontium  | 88-1  | 15.48   | 15.54    | 15.51    | 15.51      | 0.21    | ppb   |
| Sulfur     | 34-1  | -858.88 | -991.10  | -948.10  | -932.69    |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.02     | 0.01       | 21.64   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02     | 0.02     | 0.02       | 9.86    | ppb   |
| Tin        | 118-1 | 0.68    | 0.65     | 0.69     | 0.67       | 2.88    | ppb   |
| Titanium   | 47-1  | 0.56    | 0.60     | 0.61     | 0.59       | 4.80    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02     | 0.02     | 0.02       | 5.50    | ppb   |
| Vanadium   | 51-2  | 0.14    | 0.14     | 0.13     | 0.14       | 5.87    | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 17.59   | 18.21    | 17.62    | 17.81      | 1.97    | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.04     | 0.03     | 0.04       | 24.70   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.03    | 0.04       | 34.03   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-07 Instrumnet Name : P7  
 Client Sample ID : DC747-07-FL1-BRGCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:39:08 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 260.97  | 267.78  | 252.11  | 260.29     | 3.02    | ppb   |
| Antimony   | 121-1 | 0.33    | 0.34    | 0.36    | 0.34       | 5.31    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.30    | 0.29    | 0.29       | 3.81    | ppb   |
| Barium     | 135-1 | 14.46   | 14.66   | 14.53   | 14.55      | 0.70    | ppb   |
| Barium     | 137-1 | 14.82   | 14.63   | 14.66   | 14.70      | 0.69    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | 0.02    | 0.01       | 136.84  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.38    | 4.46    | 5.53    | 4.79       | 13.50   | ppb   |
| Boron      | 11-1  | 4.93    | 4.97    | 5.54    | 5.15       | 6.60    | ppb   |
| Cadmium    | 111-1 | -0.69   | -0.75   | -0.74   | -0.73      |         | ppb   |
| Cadmium    | 106-1 | -9.31   | -10.12  | -9.87   | -9.77      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.01    | 0.01    | 0.02       | 48.24   | ppb   |
| Calcium    | 43-1  | 4741.78 | 4792.22 | 4778.19 | 4770.73    | 0.55    | ppb   |
| Calcium    | 44-1  | 4708.51 | 4785.86 | 4805.92 | 4766.76    | 1.08    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.25    | 0.29    | 0.27       | 7.38    | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.12    | 0.11    | 0.12       | 6.69    | ppb   |
| Copper     | 63-2  | 321.34  | 324.05  | 320.88  | 322.09     | 0.53    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 38.61   | 37.97   | 38.08   | 38.22      | 0.90    | ppb   |
| Iron       | 57-2  | 44.26   | 42.67   | 41.45   | 42.79      | 3.30    | ppb   |
| Lead       | 206-1 | 0.31    | 0.31    | 0.32    | 0.31       | 2.53    | ppb   |
| Lead       | 207-1 | 0.28    | 0.32    | 0.29    | 0.30       | 7.07    | ppb   |
| Lead       | 208-1 | 0.31    | 0.30    | 0.30    | 0.30       | 0.90    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1080.03 | 1075.68 | 1077.03 | 1077.58    | 0.21    | ppb   |
| Manganese  | 55-2  | 23.17   | 23.91   | 23.13   | 23.41      | 1.87    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-07-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:39:08  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.03     | 0.03       | 18.40   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.04     | 0.03       | 44.30   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03     | 0.03       | 12.62   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.02     | 0.02     | 0.03       | 44.43   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02     | 0.03       | 7.21    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.61     | 1.64     | 1.50     | 1.59       | 4.56    | ppb   |
| Phosphorus | 31-2  | 493.15   | 492.22   | 512.01   | 499.13     | 2.24    | ppb   |
| Potassium  | 39-2  | 418.32   | 432.40   | 423.00   | 424.58     | 1.69    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.12     | 0.88     | 0.45     | 0.48       | 79.42   | ppb   |
| Selenium   | 82-1  | 0.64     | 0.92     | 1.10     | 0.89       | 25.68   | ppb   |
| Silicon    | 28-1  | 815.15   | 821.81   | 827.48   | 821.48     | 0.75    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 36.70   | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9970.31  | 10040.65 | 9972.45  | 9994.47    | 0.40    | ppb   |
| Strontium  | 86-1  | 15.70    | 15.81    | 15.73    | 15.75      | 0.37    | ppb   |
| Strontium  | 88-1  | 15.62    | 15.77    | 15.66    | 15.68      | 0.51    | ppb   |
| Sulfur     | 34-1  | -1047.25 | -974.91  | -1020.99 | -1014.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.01       | 26.23   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 13.02   | ppb   |
| Tin        | 118-1 | 1.11     | 0.71     | 0.75     | 0.86       | 25.88   | ppb   |
| Titanium   | 47-1  | 0.33     | 0.23     | 0.23     | 0.26       | 21.72   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.57   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.09     | 0.11     | 0.09       | 21.87   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 176.41   | 180.94   | 177.78   | 178.38     | 1.30    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 23.73   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-07-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:39:08  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.03       | 20.26   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-08 Instrumnet Name : P7  
 Client Sample ID : DC747-08-FL1-BRGCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:42:33 DataFile Name : 073SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 609.21  | 632.96  | 621.00  | 621.06     | 1.91    | ppb   |
| Antimony   | 121-1 | 0.07    | 0.07    | 0.07    | 0.07       | 5.81    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.31    | 0.32    | 0.30       | 11.82   | ppb   |
| Barium     | 135-1 | 14.82   | 15.17   | 15.21   | 15.07      | 1.41    | ppb   |
| Barium     | 137-1 | 14.63   | 15.27   | 15.21   | 15.04      | 2.35    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.04    | 0.03    | 0.02       | 80.68   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.27    | 6.05    | 5.56    | 5.63       | 7.04    | ppb   |
| Boron      | 11-1  | 4.92    | 5.78    | 5.41    | 5.37       | 8.09    | ppb   |
| Cadmium    | 111-1 | -0.79   | -0.74   | -0.61   | -0.71      |         | ppb   |
| Cadmium    | 106-1 | -10.49  | -9.91   | -8.20   | -9.53      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | 0.00    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4718.86 | 4723.17 | 4769.39 | 4737.14    | 0.59    | ppb   |
| Calcium    | 44-1  | 4764.30 | 4805.31 | 4781.17 | 4783.59    | 0.43    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.25    | 0.28    | 0.26       | 5.53    | ppb   |
| Cobalt     | 59-2  | 0.14    | 0.14    | 0.15    | 0.14       | 5.37    | ppb   |
| Copper     | 63-2  | 318.88  | 317.64  | 322.36  | 319.63     | 0.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 51.07   | 53.56   | 51.46   | 52.03      | 2.57    | ppb   |
| Iron       | 57-2  | 54.11   | 54.99   | 54.14   | 54.41      | 0.92    | ppb   |
| Lead       | 206-1 | 0.17    | 0.15    | 0.14    | 0.15       | 10.20   | ppb   |
| Lead       | 207-1 | 0.15    | 0.14    | 0.15    | 0.15       | 5.09    | ppb   |
| Lead       | 208-1 | 0.16    | 0.14    | 0.15    | 0.15       | 7.53    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1067.56 | 1077.15 | 1086.82 | 1077.18    | 0.89    | ppb   |
| Manganese  | 55-2  | 24.86   | 24.93   | 25.47   | 25.09      | 1.32    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-08-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:42:33  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.03     | 0.03       | 7.24    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.02     | 0.02       | 13.16   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.02     | 0.03       | 6.35    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.02     | 0.03       | 25.37   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.02     | 0.03       | 27.15   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.55     | 0.58     | 0.58     | 0.57       | 3.18    | ppb   |
| Phosphorus | 31-2  | 624.75   | 637.85   | 668.79   | 643.80     | 3.51    | ppb   |
| Potassium  | 39-2  | 419.24   | 425.88   | 430.79   | 425.30     | 1.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.41     | 0.16     | 0.16       | 157.53  | ppb   |
| Selenium   | 78-2  | -0.18    | 0.15     | 0.42     | 0.13       | 233.16  | ppb   |
| Selenium   | 82-1  | 0.69     | 0.55     | 0.98     | 0.74       | 29.10   | ppb   |
| Silicon    | 28-1  | 818.03   | 827.03   | 846.04   | 830.37     | 1.72    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.00       | 66.19   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9983.07  | 9976.61  | 10054.62 | 10004.77   | 0.43    | ppb   |
| Strontium  | 86-1  | 15.55    | 15.91    | 15.35    | 15.60      | 1.83    | ppb   |
| Strontium  | 88-1  | 15.48    | 15.68    | 15.74    | 15.63      | 0.88    | ppb   |
| Sulfur     | 34-1  | -1039.84 | -1033.98 | -848.00  | -973.94    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 37.33   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 7.58    | ppb   |
| Tin        | 118-1 | 0.50     | 0.53     | 0.53     | 0.52       | 3.96    | ppb   |
| Titanium   | 47-1  | 0.41     | 0.57     | 0.42     | 0.47       | 18.46   | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.01     | 0.01       | 13.25   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.10     | 0.10       | 2.32    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.71    | 22.10    | 22.43    | 22.41      | 1.36    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.04     | 0.03     | 0.04       | 12.40   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-08-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:42:33  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.05    | 0.03    | 0.04       | 22.48   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-09 Instrumnet Name : P7  
 Client Sample ID : DC747-09-FL1-CL2-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:45:58 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.00   | 13.66   | 15.55   | 15.40      | 10.87   | ppb   |
| Antimony   | 121-1 | 0.22    | 0.22    | 0.23    | 0.22       | 2.34    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.32    | 0.29    | 0.29       | 9.96    | ppb   |
| Barium     | 135-1 | 13.72   | 13.33   | 13.72   | 13.59      | 1.66    | ppb   |
| Barium     | 137-1 | 13.88   | 13.67   | 13.49   | 13.68      | 1.43    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 715.90  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.10    | 5.87    | 5.81    | 5.59       | 7.65    | ppb   |
| Boron      | 11-1  | 5.59    | 5.27    | 5.74    | 5.53       | 4.28    | ppb   |
| Cadmium    | 111-1 | -0.76   | -0.70   | -0.72   | -0.73      |         | ppb   |
| Cadmium    | 106-1 | -10.29  | -9.36   | -9.56   | -9.74      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | 0.08    | 0.07    | 0.06       | 34.49   | ppb   |
| Calcium    | 43-1  | 4757.96 | 4810.52 | 4897.84 | 4822.11    | 1.47    | ppb   |
| Calcium    | 44-1  | 4837.47 | 4820.97 | 4883.64 | 4847.36    | 0.67    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.25    | 0.32    | 0.28       | 14.90   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.02    | 0.02       | 15.97   | ppb   |
| Copper     | 63-2  | 169.76  | 168.96  | 168.05  | 168.92     | 0.51    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.07   | 19.12   | 19.43   | 19.21      | 1.01    | ppb   |
| Iron       | 57-2  | 24.17   | 22.66   | 23.21   | 23.35      | 3.28    | ppb   |
| Lead       | 206-1 | 0.41    | 0.43    | 0.43    | 0.42       | 2.22    | ppb   |
| Lead       | 207-1 | 0.36    | 0.36    | 0.37    | 0.36       | 0.91    | ppb   |
| Lead       | 208-1 | 0.39    | 0.40    | 0.40    | 0.40       | 2.12    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1086.99 | 1082.35 | 1083.75 | 1084.36    | 0.22    | ppb   |
| Manganese  | 55-2  | 11.33   | 11.37   | 11.12   | 11.27      | 1.20    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-09-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:45:58   | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 7.24    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.99   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.03     | 0.02       | 12.69   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.04     | 0.01     | 0.03       | 57.57   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.04     | 0.03       | 45.50   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.20     | 1.38     | 1.24     | 1.27       | 7.20    | ppb   |
| Phosphorus | 31-2  | 566.63   | 523.45   | 599.42   | 563.17     | 6.77    | ppb   |
| Potassium  | 39-2  | 439.02   | 432.02   | 429.74   | 433.59     | 1.12    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.02    | 0.01     | -0.32    | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.56     | 0.98     | 0.64     | 0.73       | 30.22   | ppb   |
| Silicon    | 28-1  | 806.04   | 808.50   | 815.09   | 809.88     | 0.58    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 24.64   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10064.27 | 10040.39 | 10015.31 | 10039.99   | 0.24    | ppb   |
| Strontium  | 86-1  | 15.43    | 15.99    | 15.65    | 15.69      | 1.81    | ppb   |
| Strontium  | 88-1  | 15.75    | 15.67    | 15.63    | 15.68      | 0.40    | ppb   |
| Sulfur     | 34-1  | -1096.09 | -1101.41 | -928.41  | -1041.97   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 11.73   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.01       | 7.88    | ppb   |
| Tin        | 118-1 | 0.02     | 0.00     | 0.03     | 0.02       | 77.19   | ppb   |
| Titanium   | 47-1  | 0.34     | 0.42     | 0.37     | 0.38       | 10.87   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01     | 0.01       | 66.36   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.06     | 0.06       | 4.80    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 397.22   | 394.94   | 395.04   | 395.73     | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 38.34   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-09-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:45:58   | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 34.66   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-10 Instrumnet Name : P7  
 Client Sample ID : DC747-10-FL1-CL2-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:49:22 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.28    | 10.12   | 10.40   | 9.60       | 12.00   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.06    | 0.05    | 0.06       | 12.00   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.35    | 0.27    | 0.30       | 14.79   | ppb   |
| Barium     | 135-1 | 13.99   | 13.77   | 13.91   | 13.89      | 0.80    | ppb   |
| Barium     | 137-1 | 13.72   | 13.69   | 13.54   | 13.65      | 0.72    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.05    | 0.01    | 0.02       | 125.53  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.56    | 5.28    | 5.10    | 5.31       | 4.46    | ppb   |
| Boron      | 11-1  | 4.90    | 4.62    | 4.37    | 4.63       | 5.70    | ppb   |
| Cadmium    | 111-1 | -0.69   | -0.71   | -0.76   | -0.72      |         | ppb   |
| Cadmium    | 106-1 | -9.18   | -9.60   | -10.28  | -9.68      |         | ppb   |
| Cadmium    | 108-1 | 0.06    | -0.02   | -0.03   | 0.00       | 1155.23 | ppb   |
| Calcium    | 43-1  | 4773.65 | 4734.66 | 4783.40 | 4763.90    | 0.54    | ppb   |
| Calcium    | 44-1  | 4735.54 | 4792.88 | 4806.53 | 4778.32    | 0.79    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.33    | 0.37    | 0.34       | 6.30    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 30.74   | ppb   |
| Copper     | 63-2  | 202.97  | 202.10  | 201.62  | 202.23     | 0.34    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.48   | 15.90   | 16.16   | 17.51      | 14.67   | ppb   |
| Iron       | 57-2  | 19.67   | 18.75   | 19.13   | 19.18      | 2.41    | ppb   |
| Lead       | 206-1 | 0.04    | 0.05    | 0.03    | 0.04       | 16.17   | ppb   |
| Lead       | 207-1 | 0.03    | 0.03    | 0.04    | 0.03       | 23.51   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 1.42    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1068.47 | 1063.79 | 1061.76 | 1064.67    | 0.32    | ppb   |
| Manganese  | 55-2  | 7.95    | 8.10    | 8.49    | 8.18       | 3.39    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-10-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:49:22   | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02    | 0.03    | 0.02       | 41.03   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03    | 0.02    | 0.03       | 15.43   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02    | 0.03    | 0.02       | 17.35   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03    | 0.03    | 0.03       | 11.27   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03    | 0.03    | 0.03       | 5.10    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.25     | 0.26    | 0.26    | 0.26       | 2.79    | ppb   |
| Phosphorus | 31-2  | 630.45   | 599.60  | 619.93  | 616.66     | 2.54    | ppb   |
| Potassium  | 39-2  | 423.50   | 426.56  | 430.67  | 426.91     | 0.84    | ppb   |
| Rhodium    | 103-1 |          |         |         |            |         | %     |
| Rhodium    | 103-2 |          |         |         |            |         | %     |
| Scandium   | 45-1  |          |         |         |            |         | %     |
| Scandium   | 45-2  |          |         |         |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09   | 0.16    | 0.08       | 189.18  | ppb   |
| Selenium   | 78-2  | 0.48     | -0.34   | 0.21    | 0.12       | 361.49  | ppb   |
| Selenium   | 82-1  | 1.01     | 0.76    | 0.50    | 0.76       | 33.61   | ppb   |
| Silicon    | 28-1  | 784.29   | 781.79  | 795.10  | 787.06     | 0.90    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00    | 0.00    | 0.00       | 40.73   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10136.02 | 9852.61 | 9990.96 | 9993.20    | 1.42    | ppb   |
| Strontium  | 86-1  | 15.84    | 16.05   | 15.73   | 15.87      | 1.01    | ppb   |
| Strontium  | 88-1  | 15.62    | 15.68   | 15.91   | 15.73      | 0.98    | ppb   |
| Sulfur     | 34-1  | -800.08  | -705.08 | -691.58 | -732.25    |         | ppb   |
| Terbium    | 159-1 |          |         |         |            |         | %     |
| Terbium    | 159-2 |          |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02    | 0.02    | 0.01       | 20.79   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02    | 0.01    | 0.01       | 17.66   | ppb   |
| Tin        | 118-1 | 0.01     | 0.03    | 0.02    | 0.02       | 36.99   | ppb   |
| Titanium   | 47-1  | 0.44     | 0.44    | 0.36    | 0.41       | 11.15   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01    | 0.00    | 0.01       | 23.79   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06    | 0.07    | 0.06       | 3.15    | ppb   |
| Yttrium    | 89-1  |          |         |         |            |         | %     |
| Yttrium    | 89-2  |          |         |         |            |         | %     |
| Zinc       | 66-2  | 10.26    | 10.59   | 10.82   | 10.56      | 2.67    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01    | 0.01    | 0.01       | 33.97   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-10-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:49:22   | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.02    | 0.01       | 45.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.21    | -0.51   | -0.28   | -0.19      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 113.14  | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.00    | 0.00       | 345.08  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.06    | 0.16    | 0.80    | 0.67       | 69.20   | ppb   |
| Boron      | 11-1  | 0.53    | 0.34    | 0.58    | 0.48       | 26.17   | ppb   |
| Cadmium    | 111-1 | -0.75   | -0.65   | -0.77   | -0.72      |         | ppb   |
| Cadmium    | 106-1 | -9.87   | -8.61   | -10.20  | -9.56      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | 0.00    | -0.03      |         | ppb   |
| Calcium    | 43-1  | -12.25  | -7.36   | -11.14  | -10.25     |         | ppb   |
| Calcium    | 44-1  | -12.88  | -11.45  | -11.85  | -12.06     |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.07    | 0.08    | 0.06       | 34.46   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 65.92   | ppb   |
| Copper     | 63-2  | 0.01    | 0.02    | 0.03    | 0.02       | 55.16   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.37    | 0.41    | 0.48    | 0.42       | 13.64   | ppb   |
| Iron       | 57-2  | 0.35    | -0.62   | -0.26   | -0.18      |         | ppb   |
| Lead       | 206-1 | 447.96  | 448.11  | 453.59  | 449.89     | 0.71    | ppb   |
| Lead       | 207-1 | 444.97  | 445.88  | 448.60  | 446.48     | 0.42    | ppb   |
| Lead       | 208-1 | 477.91  | 480.94  | 482.40  | 480.42     | 0.48    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.02    | 0.20    | 0.13    | 0.11       | 80.43   | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.00    | 0.01       | 74.43   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.02     | 0.01     | 0.01       | 63.14   | ppb   |
| Phosphorus | 31-2  | -0.01    | -16.21   | -14.03   | -10.08     |         | ppb   |
| Potassium  | 39-2  | 1.25     | 0.85     | 0.77     | 0.96       | 26.81   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.42     | 0.16     | 0.25       | 59.29   | ppb   |
| Selenium   | 78-2  | 0.28     | 0.24     | 0.29     | 0.27       | 10.46   | ppb   |
| Selenium   | 82-1  | 0.65     | 0.54     | 0.77     | 0.66       | 17.45   | ppb   |
| Silicon    | 28-1  | -14.19   | -14.52   | -12.99   | -13.90     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 168.04  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 14.97    | 15.32    | 16.84    | 15.71      | 6.34    | ppb   |
| Strontium  | 86-1  | -0.04    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1927.99 | -2036.09 | -1936.37 | -1966.82   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 38.88   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.76   | ppb   |
| Tin        | 118-1 | -0.06    | -0.04    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.03     | 0.00     | -0.03    | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00     | 0.01     | 0.01       | 52.27   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.39     | 0.29     | 0.39     | 0.36       | 16.39   | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 449.34  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.68   | -0.31   | -0.40   | -0.46      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.00    | 0.00    | 0.00       | 23.98   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | 5816.57 | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.10    | -0.15   | 0.09    | 0.01       | 1205.19 | ppb   |
| Boron      | 11-1  | -0.11   | 0.17    | 0.17    | 0.08       | 209.58  | ppb   |
| Cadmium    | 111-1 | -0.73   | -0.73   | -0.73   | -0.73      |         | ppb   |
| Cadmium    | 106-1 | -9.66   | -9.64   | -9.69   | -9.66      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | -0.07   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -15.13  | -18.30  | -22.61  | -18.68     |         | ppb   |
| Calcium    | 44-1  | -22.73  | -24.77  | -28.05  | -25.18     |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.05    | 0.08    | 0.06       | 36.99   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 961.72  | ppb   |
| Copper     | 63-2  | -0.02   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.15    | 0.18    | 0.15    | 0.16       | 12.74   | ppb   |
| Iron       | 57-2  | -1.36   | 0.00    | -0.60   | -0.66      |         | ppb   |
| Lead       | 206-1 | -0.02   | -0.04   | -0.02   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.25   | -0.05   | -0.14   | -0.15      |         | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.01     | -0.01    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -4.40    | -14.12   | -12.72   | -10.41     |         | ppb   |
| Potassium  | 39-2  | -0.70    | -3.56    | -0.95    | -1.74      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.57     | 0.17     | -0.42    | 0.11       | 468.14  | ppb   |
| Selenium   | 82-1  | 1.24     | 0.70     | 0.42     | 0.79       | 53.13   | ppb   |
| Silicon    | 28-1  | -17.80   | -17.67   | -18.48   | -17.98     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.99    | 13.79    | 14.50    | 14.76      | 7.59    | ppb   |
| Strontium  | 86-1  | 0.02     | -0.02    | -0.06    | -0.02      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -1815.66 | -1881.75 | -2022.71 | -1906.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 144.32  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 100.96  | ppb   |
| Tin        | 118-1 | -0.05    | -0.06    | -0.05    | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.02    | -0.06    | -0.05    | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.02     | -0.01    | -0.01    | 0.00       | 1231.73 | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-11 Instrumnet Name : P7  
 Client Sample ID : DC747-11-FL1-CL2-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:59:39 DataFile Name : 078SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 116.33  | 111.79  | 109.23  | 112.45     | 3.20    | ppb   |
| Antimony   | 121-1 | 0.23    | 0.19    | 0.21    | 0.21       | 10.06   | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.31    | 0.28    | 0.27       | 13.23   | ppb   |
| Barium     | 135-1 | 13.32   | 13.57   | 13.77   | 13.55      | 1.64    | ppb   |
| Barium     | 137-1 | 13.53   | 13.57   | 13.60   | 13.57      | 0.27    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 139.86  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.65    | 4.92    | 4.70    | 4.76       | 3.05    | ppb   |
| Boron      | 11-1  | 5.37    | 5.42    | 5.25    | 5.35       | 1.61    | ppb   |
| Cadmium    | 111-1 | -0.76   | -0.75   | -0.71   | -0.74      |         | ppb   |
| Cadmium    | 106-1 | -10.08  | -9.88   | -9.35   | -9.77      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.07    | 0.03    | 0.04       | 58.41   | ppb   |
| Calcium    | 43-1  | 4824.21 | 4810.22 | 4881.54 | 4838.66    | 0.78    | ppb   |
| Calcium    | 44-1  | 4835.61 | 4812.16 | 4832.01 | 4826.59    | 0.26    | ppb   |
| Chromium   | 52-2  | 0.25    | 0.26    | 0.28    | 0.26       | 5.24    | ppb   |
| Cobalt     | 59-2  | 0.08    | 0.08    | 0.07    | 0.08       | 8.28    | ppb   |
| Copper     | 63-2  | 181.01  | 182.00  | 182.10  | 181.70     | 0.33    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 21.24   | 21.23   | 21.39   | 21.29      | 0.42    | ppb   |
| Iron       | 57-2  | 27.00   | 26.02   | 24.84   | 25.95      | 4.16    | ppb   |
| Lead       | 206-1 | 0.28    | 0.29    | 0.36    | 0.31       | 15.08   | ppb   |
| Lead       | 207-1 | 0.25    | 0.24    | 0.26    | 0.25       | 4.10    | ppb   |
| Lead       | 208-1 | 0.28    | 0.28    | 0.30    | 0.28       | 4.05    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1053.34 | 1074.76 | 1073.63 | 1067.24    | 1.13    | ppb   |
| Manganese  | 55-2  | 12.01   | 11.82   | 11.94   | 11.92      | 0.82    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-11 Instrumnet Name : P7  
 Client Sample ID : DC747-11-FL1-CL2-W2-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:59:39 DataFile Name : 078SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02    | 0.01     | 0.02     | 0.02       | 32.05   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03     | 0.02     | 0.02       | 19.54   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.03     | 0.03     | 0.03       | 6.52    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02     | 0.03     | 0.03       | 25.08   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03     | 0.02     | 0.02       | 20.16   | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.31    | 4.01     | 4.17     | 4.16       | 3.55    | ppb   |
| Phosphorus | 31-2  | 544.79  | 546.01   | 547.64   | 546.15     | 0.26    | ppb   |
| Potassium  | 39-2  | 426.70  | 423.39   | 424.16   | 424.75     | 0.41    | ppb   |
| Rhodium    | 103-1 |         |          |          |            |         | %     |
| Rhodium    | 103-2 |         |          |          |            |         | %     |
| Scandium   | 45-1  |         |          |          |            |         | %     |
| Scandium   | 45-2  |         |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.17   | 0.04     | 0.34     | 0.07       | 351.50  | ppb   |
| Selenium   | 82-1  | 0.78    | 0.84     | 0.64     | 0.75       | 13.53   | ppb   |
| Silicon    | 28-1  | 794.34  | 804.03   | 804.49   | 800.95     | 0.72    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00     | 0.00     | 0.00       | 121.94  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9937.64 | 10049.41 | 10013.86 | 10000.31   | 0.57    | ppb   |
| Strontium  | 86-1  | 15.84   | 15.86    | 15.79    | 15.83      | 0.20    | ppb   |
| Strontium  | 88-1  | 15.50   | 15.63    | 15.66    | 15.60      | 0.56    | ppb   |
| Sulfur     | 34-1  | -872.44 | -742.70  | -835.38  | -816.84    |         | ppb   |
| Terbium    | 159-1 |         |          |          |            |         | %     |
| Terbium    | 159-2 |         |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01     | 0.01     | 0.01       | 20.32   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01     | 0.01     | 0.01       | 13.77   | ppb   |
| Tin        | 118-1 | 0.09    | 0.08     | 0.09     | 0.09       | 4.26    | ppb   |
| Titanium   | 47-1  | 0.31    | 0.29     | 0.35     | 0.32       | 9.79    | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01     | 0.01     | 0.01       | 12.14   | ppb   |
| Vanadium   | 51-2  | 0.07    | 0.07     | 0.07     | 0.07       | 4.20    | ppb   |
| Yttrium    | 89-1  |         |          |          |            |         | %     |
| Yttrium    | 89-2  |         |          |          |            |         | %     |
| Zinc       | 66-2  | 296.93  | 296.85   | 298.85   | 297.54     | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01     | 0.02     | 0.02       | 59.20   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-11-FL1-CL2-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:59:39   | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 45.61   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.37   | 7.74    | 7.71    | 8.61       | 17.76   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.06    | 0.06       | 5.42    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.28    | 0.28    | 0.27       | 6.69    | ppb   |
| Barium     | 135-1 | 14.27   | 13.87   | 13.79   | 13.98      | 1.86    | ppb   |
| Barium     | 137-1 | 13.96   | 13.73   | 13.93   | 13.87      | 0.90    | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.01   | 0.00    | 0.00       | 580.02  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.87    | 4.10    | 3.83    | 4.27       | 12.60   | ppb   |
| Boron      | 11-1  | 4.83    | 4.12    | 4.54    | 4.50       | 7.91    | ppb   |
| Cadmium    | 111-1 | -0.67   | -0.78   | -0.78   | -0.75      |         | ppb   |
| Cadmium    | 106-1 | -9.05   | -10.38  | -10.46  | -9.96      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.05    | -0.04   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4727.08 | 4776.37 | 4739.62 | 4747.69    | 0.54    | ppb   |
| Calcium    | 44-1  | 4771.85 | 4796.90 | 4764.54 | 4777.76    | 0.36    | ppb   |
| Chromium   | 52-2  | 0.21    | 0.24    | 0.23    | 0.22       | 7.68    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 28.52   | ppb   |
| Copper     | 63-2  | 205.68  | 204.10  | 209.09  | 206.29     | 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  | 15.88   | 15.82   | 16.66   | 16.12      | 2.91    | ppb   |
| Iron       | 57-2  | 20.58   | 23.02   | 19.78   | 21.13      | 8.00    | ppb   |
| Lead       | 206-1 | 0.03    | 0.04    | 0.02    | 0.03       | 40.51   | ppb   |
| Lead       | 207-1 | 0.02    | 0.03    | 0.02    | 0.02       | 29.82   | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.02    | 0.02       | 26.66   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1046.38 | 1061.39 | 1070.28 | 1059.35    | 1.14    | ppb   |
| Manganese  | 55-2  | 10.03   | 9.48    | 9.88    | 9.80       | 2.88    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.02    | 0.02       | 21.13   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.04    | 0.02    | 0.03       | 31.60   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.02    | 0.03    | 0.03       | 7.21    | ppb   |
| Molybdenum | 97-1  | 0.04    | 0.02    | 0.02    | 0.03       | 42.57   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.02    | 0.03       | 18.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26    | 0.26    | 0.26    | 0.26       | 1.13    | ppb   |
| Phosphorus | 31-2  | 574.91  | 624.79  | 604.12  | 601.27     | 4.17    | ppb   |
| Potassium  | 39-2  | 401.20  | 407.67  | 424.57  | 411.15     | 2.94    | ppb   |
| Rhodium    | 103-1 |         |         |         |            |         | %     |
| Rhodium    | 103-2 |         |         |         |            |         | %     |
| Scandium   | 45-1  |         |         |         |            |         | %     |
| Scandium   | 45-2  |         |         |         |            |         | %     |
| Selenium   | 77-2  | -0.09   | -0.09   | 0.66    | 0.16       | 273.30  | ppb   |
| Selenium   | 78-2  | -0.32   | 0.35    | -0.17   | -0.05      |         | ppb   |
| Selenium   | 82-1  | 0.99    | 0.58    | 0.74    | 0.77       | 26.57   | ppb   |
| Silicon    | 28-1  | 790.37  | 807.96  | 776.91  | 791.75     | 1.97    | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | 60.16   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 9776.41 | 9810.14 | 9958.90 | 9848.48    | 0.99    | ppb   |
| Strontium  | 86-1  | 15.87   | 15.53   | 15.54   | 15.65      | 1.22    | ppb   |
| Strontium  | 88-1  | 15.71   | 15.52   | 15.66   | 15.63      | 0.64    | ppb   |
| Sulfur     | 34-1  | -864.29 | -827.17 | -877.44 | -856.30    |         | ppb   |
| Terbium    | 159-1 |         |         |         |            |         | %     |
| Terbium    | 159-2 |         |         |         |            |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.28   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.19   | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.39    | 0.36    | 0.49    | 0.42       | 16.27   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.00    | 0.00       | 21.05   | ppb   |
| Vanadium   | 51-2  | 0.05    | 0.05    | 0.07    | 0.06       | 21.48   | ppb   |
| Yttrium    | 89-1  |         |         |         |            |         | %     |
| Yttrium    | 89-2  |         |         |         |            |         | %     |
| Zinc       | 66-2  | 6.81    | 7.08    | 7.34    | 7.08       | 3.74    | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.00    | 0.01       | 24.42   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 45.74   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-13 Instrumnet Name : P7  
 Client Sample ID : DC747-13-FL1-BRGCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:06:28 DataFile Name : 080SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 45.12   | 41.52   | 44.24   | 43.62      | 4.30    | ppb   |
| Antimony   | 121-1 | 0.22    | 0.24    | 0.21    | 0.22       | 7.53    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.30    | 0.31    | 0.31       | 4.95    | ppb   |
| Barium     | 135-1 | 13.55   | 12.70   | 12.92   | 13.05      | 3.37    | ppb   |
| Barium     | 137-1 | 13.42   | 12.88   | 12.99   | 13.10      | 2.21    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | 215.66  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.58    | 4.85    | 4.82    | 4.42       | 16.39   | ppb   |
| Boron      | 11-1  | 4.85    | 5.10    | 5.16    | 5.04       | 3.19    | ppb   |
| Cadmium    | 111-1 | -0.81   | -0.78   | -0.69   | -0.76      |         | ppb   |
| Cadmium    | 106-1 | -10.76  | -10.40  | -9.08   | -10.08     |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.06    | 0.03    | 0.03       | 105.67  | ppb   |
| Calcium    | 43-1  | 4766.49 | 4810.93 | 4777.53 | 4784.98    | 0.48    | ppb   |
| Calcium    | 44-1  | 4765.14 | 4796.70 | 4778.33 | 4780.05    | 0.33    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.28    | 0.30    | 0.29       | 3.12    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.03    | 0.03    | 0.03       | 4.98    | ppb   |
| Copper     | 63-2  | 304.77  | 303.70  | 303.93  | 304.13     | 0.19    | 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  | 23.90   | 23.09   | 23.15   | 23.38      | 1.93    | ppb   |
| Iron       | 57-2  | 28.29   | 29.03   | 27.35   | 28.22      | 2.98    | ppb   |
| Lead       | 206-1 | 0.45    | 0.42    | 0.45    | 0.44       | 3.57    | ppb   |
| Lead       | 207-1 | 0.43    | 0.38    | 0.42    | 0.41       | 6.31    | ppb   |
| Lead       | 208-1 | 0.44    | 0.42    | 0.44    | 0.43       | 2.20    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1103.41 | 1088.76 | 1084.47 | 1092.21    | 0.91    | ppb   |
| Manganese  | 55-2  | 14.92   | 14.54   | 14.85   | 14.77      | 1.36    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-13-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:06:28  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.01     | 0.02       | 20.27   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 18.20   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.02     | 0.02       | 11.09   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.04     | 0.03     | 0.03       | 23.24   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.28   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.40     | 3.47     | 3.49     | 3.45       | 1.32    | ppb   |
| Phosphorus | 31-2  | 598.18   | 585.82   | 573.90   | 585.97     | 2.07    | ppb   |
| Potassium  | 39-2  | 427.80   | 434.39   | 430.92   | 431.04     | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.66     | 0.16       | 273.50  | ppb   |
| Selenium   | 78-2  | 0.37     | 0.10     | 0.03     | 0.17       | 106.03  | ppb   |
| Selenium   | 82-1  | 0.51     | 0.44     | 0.86     | 0.61       | 37.25   | ppb   |
| Silicon    | 28-1  | 789.69   | 810.36   | 802.08   | 800.71     | 1.30    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 81.68   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 23.67   | ppb   |
| Sodium     | 23-2  | 10239.20 | 10256.29 | 10202.48 | 10232.66   | 0.27    | ppb   |
| Strontium  | 86-1  | 15.53    | 15.53    | 15.32    | 15.46      | 0.80    | ppb   |
| Strontium  | 88-1  | 15.30    | 15.42    | 15.38    | 15.37      | 0.42    | ppb   |
| Sulfur     | 34-1  | -858.47  | -815.14  | -985.44  | -886.35    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 26.97   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 8.83    | ppb   |
| Tin        | 118-1 | 0.05     | 0.06     | 0.05     | 0.05       | 13.04   | ppb   |
| Titanium   | 47-1  | 0.41     | 0.37     | 0.27     | 0.35       | 20.29   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.94   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.07     | 0.07       | 8.04    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 25.98    | 25.52    | 25.31    | 25.60      | 1.34    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.00     | 0.01       | 55.08   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-13-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:06:28  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.00    | 0.01       | 52.23   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-14 Instrumnet Name : P7  
 Client Sample ID : DC747-14-FL1-BRGCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:09:53 DataFile Name : 081SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.92   | 11.00   | 10.05   | 10.66      | 4.95    | ppb   |
| Antimony   | 121-1 | 0.14    | 0.13    | 0.14    | 0.14       | 4.15    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.28    | 0.30    | 0.29       | 3.55    | ppb   |
| Barium     | 135-1 | 13.77   | 13.66   | 13.60   | 13.68      | 0.62    | ppb   |
| Barium     | 137-1 | 13.72   | 13.59   | 13.66   | 13.66      | 0.45    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | -0.02   | 0.00       | 1524.46 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.84    | 5.22    | 4.67    | 5.24       | 11.15   | ppb   |
| Boron      | 11-1  | 5.00    | 5.03    | 4.64    | 4.89       | 4.47    | ppb   |
| Cadmium    | 111-1 | -0.70   | -0.66   | -0.72   | -0.69      |         | ppb   |
| Cadmium    | 106-1 | -9.29   | -8.77   | -9.71   | -9.25      |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.03    | -0.04   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4781.01 | 4787.95 | 4807.30 | 4792.09    | 0.28    | ppb   |
| Calcium    | 44-1  | 4755.20 | 4763.05 | 4799.90 | 4772.72    | 0.50    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.27    | 0.30    | 0.29       | 5.43    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 7.93    | ppb   |
| Copper     | 63-2  | 254.31  | 255.35  | 259.07  | 256.24     | 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  | 20.40   | 20.14   | 20.15   | 20.23      | 0.73    | ppb   |
| Iron       | 57-2  | 24.10   | 27.09   | 28.04   | 26.41      | 7.79    | ppb   |
| Lead       | 206-1 | 0.73    | 0.72    | 0.69    | 0.71       | 2.47    | ppb   |
| Lead       | 207-1 | 0.62    | 0.64    | 0.63    | 0.63       | 1.64    | ppb   |
| Lead       | 208-1 | 0.68    | 0.67    | 0.67    | 0.67       | 0.97    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1079.93 | 1078.20 | 1090.57 | 1082.90    | 0.62    | ppb   |
| Manganese  | 55-2  | 12.83   | 13.01   | 12.84   | 12.90      | 0.79    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-14-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:09:53  | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 23.89   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.01     | 0.02     | 0.02       | 32.78   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.02       | 30.78   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 13.39   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.03       | 13.90   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.43     | 0.43     | 0.47     | 0.44       | 6.12    | ppb   |
| Phosphorus | 31-2  | 625.02   | 613.80   | 618.97   | 619.26     | 0.91    | ppb   |
| Potassium  | 39-2  | 419.36   | 430.87   | 425.08   | 425.10     | 1.35    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.42     | 0.16     | -0.09    | 0.16       | 156.92  | ppb   |
| Selenium   | 78-2  | 0.20     | -0.27    | -0.19    | -0.09      |         | ppb   |
| Selenium   | 82-1  | 1.11     | 0.31     | 0.75     | 0.73       | 55.62   | ppb   |
| Silicon    | 28-1  | 802.42   | 799.13   | 801.76   | 801.10     | 0.22    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 82.75   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10116.23 | 10099.34 | 10142.76 | 10119.44   | 0.22    | ppb   |
| Strontium  | 86-1  | 15.78    | 15.47    | 15.66    | 15.64      | 0.99    | ppb   |
| Strontium  | 88-1  | 15.61    | 15.44    | 15.42    | 15.49      | 0.67    | ppb   |
| Sulfur     | 34-1  | -798.21  | -745.52  | -750.30  | -764.67    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.01     | 0.02       | 25.36   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 4.46    | ppb   |
| Tin        | 118-1 | 0.00     | 0.00     | 0.00     | 0.00       | 1148.72 | ppb   |
| Titanium   | 47-1  | 0.41     | 0.38     | 0.40     | 0.40       | 4.30    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 30.84   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.06     | 0.06       | 7.92    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 6.16     | 6.50     | 6.37     | 6.34       | 2.68    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 28.95   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-14-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:09:53  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.03    | 0.03       | 33.27   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-15 Instrumnet Name : P7  
 Client Sample ID : DC747-15-FL1-BRBCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:13:18 DataFile Name : 082SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 21.91   | 20.89   | 23.14   | 21.98      | 5.12    | ppb   |
| Antimony   | 121-1 | 0.40    | 0.41    | 0.39    | 0.40       | 2.14    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.28    | 0.25    | 0.26       | 7.33    | ppb   |
| Barium     | 135-1 | 13.61   | 13.54   | 13.47   | 13.54      | 0.52    | ppb   |
| Barium     | 137-1 | 13.61   | 13.40   | 13.71   | 13.57      | 1.17    | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.01   | 0.00    | 0.00       | 1763.55 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.63    | 4.50    | 4.66    | 5.26       | 22.50   | ppb   |
| Boron      | 11-1  | 4.20    | 4.86    | 5.71    | 4.93       | 15.39   | ppb   |
| Cadmium    | 111-1 | -0.72   | -0.74   | -0.70   | -0.72      |         | ppb   |
| Cadmium    | 106-1 | -9.77   | -9.92   | -9.60   | -9.76      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4741.51 | 4690.66 | 4660.93 | 4697.70    | 0.87    | ppb   |
| Calcium    | 44-1  | 4773.74 | 4685.62 | 4765.28 | 4741.54    | 1.03    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.30    | 0.31    | 0.30       | 2.66    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.03       | 18.92   | ppb   |
| Copper     | 63-2  | 236.05  | 238.08  | 234.96  | 236.36     | 0.67    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 20.89   | 20.32   | 21.59   | 20.93      | 3.04    | ppb   |
| Iron       | 57-2  | 21.73   | 25.52   | 26.17   | 24.47      | 9.79    | ppb   |
| Lead       | 206-1 | 0.48    | 0.47    | 0.48    | 0.48       | 0.19    | ppb   |
| Lead       | 207-1 | 0.45    | 0.45    | 0.42    | 0.44       | 3.75    | ppb   |
| Lead       | 208-1 | 0.46    | 0.45    | 0.45    | 0.45       | 0.80    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1068.86 | 1085.08 | 1070.00 | 1074.65    | 0.84    | ppb   |
| Manganese  | 55-2  | 13.49   | 13.68   | 13.45   | 13.54      | 0.90    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-15-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:13:18  | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.01       | 35.99   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 19.05   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.02     | 0.02       | 28.99   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.02     | 0.02       | 20.56   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 8.50    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.11     | 1.13     | 1.03     | 1.09       | 4.69    | ppb   |
| Phosphorus | 31-2  | 600.80   | 619.73   | 581.36   | 600.63     | 3.19    | ppb   |
| Potassium  | 39-2  | 425.43   | 440.57   | 428.04   | 431.35     | 1.88    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.34    | -0.51    | -0.09    | -0.31      |         | ppb   |
| Selenium   | 82-1  | 0.58     | 0.54     | 1.02     | 0.71       | 37.44   | ppb   |
| Silicon    | 28-1  | 811.06   | 785.66   | 810.16   | 802.29     | 1.80    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.00       | 155.83  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10041.94 | 10289.55 | 10089.83 | 10140.44   | 1.30    | ppb   |
| Strontium  | 86-1  | 15.67    | 15.91    | 15.98    | 15.85      | 1.04    | ppb   |
| Strontium  | 88-1  | 15.44    | 15.47    | 15.53    | 15.48      | 0.28    | ppb   |
| Sulfur     | 34-1  | -1067.68 | -1049.84 | -832.26  | -983.26    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.01     | 0.01       | 59.26   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 24.58   | ppb   |
| Tin        | 118-1 | 1.14     | 1.17     | 1.20     | 1.17       | 2.59    | ppb   |
| Titanium   | 47-1  | 0.33     | 0.30     | 0.39     | 0.34       | 12.85   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.00     | 0.00       | 40.38   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.06     | 0.06       | 5.93    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 34.12    | 33.38    | 33.25    | 33.58      | 1.40    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.01     | 0.01     | 0.01       | 42.02   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-15-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:13:18  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.03    | 0.02       | 28.49   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-16-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:16:43  | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 25.65   | 26.42   | 26.05   | 26.04      | 1.48    | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.08    | 0.08       | 2.83    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.30    | 0.32    | 0.30       | 9.41    | ppb   |
| Barium     | 135-1 | 14.17   | 13.56   | 14.20   | 13.97      | 2.59    | ppb   |
| Barium     | 137-1 | 14.02   | 13.02   | 14.12   | 13.72      | 4.44    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.02    | 0.01    | 0.01       | 218.49  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.60    | 6.30    | 6.00    | 5.63       | 16.17   | ppb   |
| Boron      | 11-1  | 4.96    | 4.77    | 4.78    | 4.84       | 2.21    | ppb   |
| Cadmium    | 111-1 | -0.76   | -0.77   | -0.76   | -0.77      |         | ppb   |
| Cadmium    | 106-1 | -10.24  | -10.26  | -10.14  | -10.21     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | 0.01    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4736.95 | 4805.46 | 4793.89 | 4778.77    | 0.77    | ppb   |
| Calcium    | 44-1  | 4814.65 | 4757.84 | 4777.09 | 4783.19    | 0.60    | ppb   |
| Chromium   | 52-2  | 0.28    | 0.28    | 0.34    | 0.30       | 11.87   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.03    | 0.03       | 4.45    | ppb   |
| Copper     | 63-2  | 206.56  | 203.33  | 205.78  | 205.22     | 0.82    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.38   | 17.82   | 17.49   | 17.56      | 1.31    | ppb   |
| Iron       | 57-2  | 23.42   | 21.65   | 23.32   | 22.80      | 4.37    | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.03    | 0.04       | 20.55   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.01    | 0.02       | 53.09   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.59    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1085.85 | 1078.67 | 1093.52 | 1086.01    | 0.68    | ppb   |
| Manganese  | 55-2  | 9.81    | 9.82    | 9.56    | 9.73       | 1.51    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-16 Instrumnet Name : P7  
 Client Sample ID : DC747-16-FL1-BRBCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:16:43 DataFile Name : 083SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 12.03   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.03     | 0.02       | 22.46   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.03       | 13.97   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.03     | 0.03       | 25.85   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 19.27   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.44     | 0.37     | 0.44     | 0.42       | 8.95    | ppb   |
| Phosphorus | 31-2  | 608.76   | 588.07   | 589.54   | 595.46     | 1.94    | ppb   |
| Potassium  | 39-2  | 436.98   | 435.42   | 435.02   | 435.81     | 0.24    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | 0.16     | 0.08       | 192.69  | ppb   |
| Selenium   | 78-2  | 0.15     | 0.09     | 0.16     | 0.13       | 28.52   | ppb   |
| Selenium   | 82-1  | 1.05     | 0.53     | 0.80     | 0.79       | 32.61   | ppb   |
| Silicon    | 28-1  | 796.44   | 817.63   | 787.92   | 800.66     | 1.91    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 120.70  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10245.75 | 10134.32 | 10218.02 | 10199.36   | 0.57    | ppb   |
| Strontium  | 86-1  | 15.71    | 15.51    | 15.44    | 15.55      | 0.91    | ppb   |
| Strontium  | 88-1  | 15.61    | 15.63    | 15.48    | 15.57      | 0.52    | ppb   |
| Sulfur     | 34-1  | -833.63  | -648.36  | -852.65  | -778.21    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 23.64   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 14.61   | ppb   |
| Tin        | 118-1 | 0.03     | 0.04     | 0.03     | 0.03       | 21.61   | ppb   |
| Titanium   | 47-1  | 0.24     | 0.33     | 0.44     | 0.34       | 30.75   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 10.94   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.05     | 0.06       | 10.60   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7.25     | 6.70     | 7.25     | 7.07       | 4.43    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00     | 0.01       | 46.92   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-16-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:16:43  | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.48   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-17-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:20:08   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.97   | 14.41   | 13.20   | 13.86      | 4.40    | ppb   |
| Antimony   | 121-1 | 0.15    | 0.13    | 0.14    | 0.14       | 4.63    | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.26    | 0.28    | 0.28       | 6.08    | ppb   |
| Barium     | 135-1 | 12.92   | 13.23   | 12.95   | 13.04      | 1.32    | ppb   |
| Barium     | 137-1 | 12.69   | 13.01   | 12.73   | 12.81      | 1.37    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.00    | 0.01       | 118.59  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.33    | 3.82    | 4.26    | 4.13       | 6.71    | ppb   |
| Boron      | 11-1  | 4.76    | 4.59    | 4.67    | 4.67       | 1.82    | ppb   |
| Cadmium    | 111-1 | -0.77   | -0.76   | -0.75   | -0.76      |         | ppb   |
| Cadmium    | 106-1 | -10.26  | -10.07  | -10.08  | -10.14     |         | ppb   |
| Cadmium    | 108-1 | 0.06    | 0.04    | 0.03    | 0.04       | 34.06   | ppb   |
| Calcium    | 43-1  | 4730.82 | 4744.89 | 4712.51 | 4729.41    | 0.34    | ppb   |
| Calcium    | 44-1  | 4660.94 | 4773.44 | 4722.76 | 4719.05    | 1.19    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.33    | 0.32    | 0.33       | 2.76    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 24.34   | ppb   |
| Copper     | 63-2  | 186.73  | 184.62  | 186.14  | 185.83     | 0.59    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 17.13   | 17.12   | 17.03   | 17.09      | 0.31    | ppb   |
| Iron       | 57-2  | 22.51   | 20.82   | 21.40   | 21.57      | 3.97    | ppb   |
| Lead       | 206-1 | 0.20    | 0.22    | 0.19    | 0.20       | 8.99    | ppb   |
| Lead       | 207-1 | 0.19    | 0.20    | 0.16    | 0.19       | 9.92    | ppb   |
| Lead       | 208-1 | 0.19    | 0.20    | 0.19    | 0.19       | 3.10    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1088.44 | 1076.90 | 1081.70 | 1082.34    | 0.54    | ppb   |
| Manganese  | 55-2  | 10.70   | 10.96   | 10.81   | 10.82      | 1.20    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-17-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:20:08   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.01     | 0.02       | 39.67   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.04     | 0.03       | 30.67   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.04     | 0.02     | 0.03       | 36.82   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.26    | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.04     | 0.03       | 22.45   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.57     | 1.43     | 1.49     | 1.50       | 4.69    | ppb   |
| Phosphorus | 31-2  | 523.75   | 540.35   | 556.16   | 540.09     | 3.00    | ppb   |
| Potassium  | 39-2  | 437.80   | 424.59   | 429.44   | 430.61     | 1.55    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.16     | 0.16     | 0.16       | 0.95    | ppb   |
| Selenium   | 78-2  | 0.31     | 0.30     | 0.29     | 0.30       | 3.67    | ppb   |
| Selenium   | 82-1  | 1.00     | 0.91     | 0.57     | 0.83       | 27.30   | ppb   |
| Silicon    | 28-1  | 778.46   | 804.63   | 794.30   | 792.47     | 1.66    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 67.29   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10160.87 | 10206.41 | 10053.82 | 10140.37   | 0.77    | ppb   |
| Strontium  | 86-1  | 15.69    | 15.31    | 15.51    | 15.50      | 1.22    | ppb   |
| Strontium  | 88-1  | 15.36    | 15.40    | 15.45    | 15.40      | 0.31    | ppb   |
| Sulfur     | 34-1  | -1016.60 | -777.29  | -840.04  | -877.98    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.01     | 0.02       | 20.73   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 29.18   | ppb   |
| Tin        | 118-1 | 0.00     | -0.01    | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.36     | 0.28     | 0.28     | 0.31       | 15.48   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.01       | 24.20   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.06     | 0.06       | 8.02    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 233.55   | 232.34   | 233.96   | 233.28     | 0.36    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 42.96   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-17-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:20:08   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.02    | 0.00    | 0.02       | 68.88   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-18 Instrumnet Name : P7  
 Client Sample ID : DC747-18-FL1-CL3-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:23:33 DataFile Name : 085SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.18   | 12.68   | 13.86   | 13.24      | 4.45    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 11.46   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.34    | 0.30    | 0.31       | 9.32    | ppb   |
| Barium     | 135-1 | 12.80   | 12.84   | 12.75   | 12.80      | 0.36    | ppb   |
| Barium     | 137-1 | 12.84   | 12.79   | 12.98   | 12.87      | 0.78    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.02    | 0.01       | 85.21   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.79    | 4.69    | 4.46    | 4.65       | 3.63    | ppb   |
| Boron      | 11-1  | 5.09    | 4.75    | 4.66    | 4.83       | 4.66    | ppb   |
| Cadmium    | 111-1 | -0.78   | -0.73   | -0.81   | -0.77      |         | ppb   |
| Cadmium    | 106-1 | -10.28  | -9.78   | -10.97  | -10.34     |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.03   | -0.03   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4721.17 | 4662.35 | 4695.86 | 4693.13    | 0.63    | ppb   |
| Calcium    | 44-1  | 4706.14 | 4626.71 | 4739.23 | 4690.69    | 1.23    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.30    | 0.31    | 0.30       | 3.09    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 7.44    | ppb   |
| Copper     | 63-2  | 58.42   | 58.36   | 58.94   | 58.57      | 0.55    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 26.85   | 27.15   | 27.42   | 27.14      | 1.03    | ppb   |
| Iron       | 57-2  | 31.70   | 29.59   | 32.83   | 31.37      | 5.24    | ppb   |
| Lead       | 206-1 | 0.13    | 0.14    | 0.13    | 0.13       | 2.53    | ppb   |
| Lead       | 207-1 | 0.13    | 0.10    | 0.11    | 0.11       | 12.65   | ppb   |
| Lead       | 208-1 | 0.13    | 0.11    | 0.13    | 0.12       | 6.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1063.34 | 1083.34 | 1065.04 | 1070.57    | 1.04    | ppb   |
| Manganese  | 55-2  | 18.62   | 19.25   | 19.29   | 19.05      | 1.96    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-18-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:23:33   | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 14.99   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 18.54   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.02       | 17.42   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.02     | 0.02       | 27.75   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 6.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.29     | 0.28     | 0.30     | 0.29       | 2.37    | ppb   |
| Phosphorus | 31-2  | 629.02   | 618.99   | 627.40   | 625.14     | 0.86    | ppb   |
| Potassium  | 39-2  | 426.72   | 430.45   | 428.18   | 428.45     | 0.44    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | 0.16     | 0.07       | 193.23  | ppb   |
| Selenium   | 78-2  | -0.46    | -0.11    | 0.47     | -0.03      |         | ppb   |
| Selenium   | 82-1  | 0.71     | 0.53     | 0.83     | 0.69       | 22.02   | ppb   |
| Silicon    | 28-1  | 785.08   | 778.45   | 806.16   | 789.90     | 1.83    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10215.84 | 10217.32 | 10409.03 | 10280.73   | 1.08    | ppb   |
| Strontium  | 86-1  | 15.59    | 15.43    | 15.19    | 15.40      | 1.32    | ppb   |
| Strontium  | 88-1  | 15.40    | 15.16    | 15.19    | 15.25      | 0.86    | ppb   |
| Sulfur     | 34-1  | -998.44  | -1136.27 | -1051.03 | -1061.91   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.02     | 0.02       | 10.25   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 28.97   | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.66     | 0.49     | 0.43     | 0.53       | 22.61   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.57   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.07     | 0.07     | 0.07       | 8.93    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 8.52     | 8.16     | 8.03     | 8.24       | 3.12    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 32.09   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-18-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:23:33   | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.02       | 46.45   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-19 Instrumnet Name : P7  
 Client Sample ID : DC747-19-FL1-CL3-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:26:59 DataFile Name : 086SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.33   | 16.19   | 19.54   | 19.35      | 15.90   | ppb   |
| Antimony   | 121-1 | 0.17    | 0.18    | 0.20    | 0.18       | 7.20    | ppb   |
| Arsenic    | 75-2  | 0.34    | 0.23    | 0.30    | 0.29       | 19.42   | ppb   |
| Barium     | 135-1 | 12.83   | 13.01   | 13.16   | 13.00      | 1.28    | ppb   |
| Barium     | 137-1 | 12.91   | 13.03   | 12.72   | 12.89      | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 2.36    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.16    | 3.76    | 5.05    | 4.33       | 15.30   | ppb   |
| Boron      | 11-1  | 4.52    | 5.11    | 4.64    | 4.75       | 6.58    | ppb   |
| Cadmium    | 111-1 | -0.75   | -0.80   | -0.75   | -0.76      |         | ppb   |
| Cadmium    | 106-1 | -9.95   | -10.65  | -10.07  | -10.22     |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.00    | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4729.79 | 4769.83 | 4714.65 | 4738.09    | 0.60    | ppb   |
| Calcium    | 44-1  | 4796.91 | 4820.69 | 4729.80 | 4782.47    | 0.99    | ppb   |
| Chromium   | 52-2  | 0.31    | 0.34    | 0.29    | 0.31       | 8.82    | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.04    | 0.03    | 0.04       | 7.46    | ppb   |
| Copper     | 63-2  | 149.48  | 152.55  | 150.80  | 150.94     | 1.02    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.91   | 18.99   | 19.70   | 19.20      | 2.26    | ppb   |
| Iron       | 57-2  | 21.46   | 25.03   | 23.42   | 23.30      | 7.67    | ppb   |
| Lead       | 206-1 | 0.28    | 0.28    | 0.28    | 0.28       | 0.77    | ppb   |
| Lead       | 207-1 | 0.27    | 0.25    | 0.27    | 0.26       | 4.68    | ppb   |
| Lead       | 208-1 | 0.27    | 0.26    | 0.27    | 0.27       | 1.45    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1084.89 | 1084.50 | 1074.97 | 1081.45    | 0.52    | ppb   |
| Manganese  | 55-2  | 11.37   | 11.44   | 11.37   | 11.39      | 0.34    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-19-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:26:59   | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 11.21   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.02     | 0.02       | 33.92   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.02     | 0.03       | 12.89   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.01     | 0.02     | 0.02       | 52.95   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 8.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.29     | 2.17     | 2.20     | 2.22       | 2.76    | ppb   |
| Phosphorus | 31-2  | 530.63   | 560.04   | 548.27   | 546.31     | 2.71    | ppb   |
| Potassium  | 39-2  | 415.68   | 433.17   | 421.43   | 423.42     | 2.11    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.16     | -0.09    | 0.08       | 189.82  | ppb   |
| Selenium   | 78-2  | 0.32     | -0.02    | 0.35     | 0.22       | 96.48   | ppb   |
| Selenium   | 82-1  | 0.67     | 0.46     | 1.01     | 0.71       | 39.02   | ppb   |
| Silicon    | 28-1  | 792.73   | 787.00   | 773.45   | 784.39     | 1.26    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 103.15  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10055.15 | 10266.73 | 10157.14 | 10159.67   | 1.04    | ppb   |
| Strontium  | 86-1  | 15.73    | 15.55    | 15.49    | 15.59      | 0.81    | ppb   |
| Strontium  | 88-1  | 15.34    | 15.34    | 15.30    | 15.33      | 0.14    | ppb   |
| Sulfur     | 34-1  | -815.00  | -685.96  | -891.98  | -797.64    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.62    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 14.02   | ppb   |
| Tin        | 118-1 | 0.00     | 0.01     | 0.00     | 0.00       | 507.93  | ppb   |
| Titanium   | 47-1  | 0.31     | 0.32     | 0.37     | 0.34       | 9.98    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.00     | 0.00       | 34.66   | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.07     | 0.07     | 0.06       | 17.36   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 199.74   | 203.65   | 197.96   | 200.45     | 1.45    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 36.65   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-19-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:26:59   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.01    | 0.01    | 0.01       | 32.66   | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.68   | 17.66   | 14.63   | 14.99      | 16.75   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 4.59    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.29    | 0.29    | 0.27       | 9.44    | ppb   |
| Barium     | 135-1 | 12.70   | 12.82   | 12.55   | 12.69      | 1.05    | ppb   |
| Barium     | 137-1 | 12.70   | 12.36   | 12.62   | 12.56      | 1.41    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.00    | 0.01       | 178.26  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.73    | 4.57    | 4.70    | 4.33       | 12.14   | ppb   |
| Boron      | 11-1  | 4.94    | 5.11    | 5.04    | 5.03       | 1.74    | ppb   |
| Cadmium    | 111-1 | -0.77   | -0.77   | -0.73   | -0.76      |         | ppb   |
| Cadmium    | 106-1 | -10.18  | -10.34  | -9.61   | -10.04     |         | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4604.72 | 4578.78 | 4579.29 | 4587.60    | 0.32    | ppb   |
| Calcium    | 44-1  | 4612.84 | 4590.11 | 4632.29 | 4611.75    | 0.46    | ppb   |
| Chromium   | 52-2  | 0.50    | 0.44    | 0.43    | 0.45       | 8.09    | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.02       | 22.41   | ppb   |
| Copper     | 63-2  | 59.43   | 60.97   | 60.15   | 60.18      | 1.28    | 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  | 26.11   | 26.69   | 26.63   | 26.48      | 1.20    | ppb   |
| Iron       | 57-2  | 31.75   | 35.13   | 30.90   | 32.59      | 6.87    | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.20    | ppb   |
| Lead       | 207-1 | 0.06    | 0.08    | 0.07    | 0.07       | 13.00   | ppb   |
| Lead       | 208-1 | 0.08    | 0.09    | 0.09    | 0.08       | 4.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.01 | 1081.56 | 1075.91 | 1068.49    | 1.68    | ppb   |
| Manganese  | 55-2  | 17.97   | 18.25   | 18.01   | 18.08      | 0.84    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.03     | 0.02       | 18.03   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.03     | 0.03     | 0.03       | 15.98   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.02     | 0.02     | 0.02       | 33.70   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.05     | 0.02     | 0.03       | 54.38   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.03     | 0.03       | 8.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.26     | 0.26     | 0.33     | 0.28       | 13.24   | ppb   |
| Phosphorus | 31-2  | 632.35   | 604.23   | 606.47   | 614.35     | 2.54    | ppb   |
| Potassium  | 39-2  | 428.15   | 425.06   | 432.02   | 428.41     | 0.81    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.17     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.30    | 0.00     | -0.05    | -0.12      |         | ppb   |
| Selenium   | 82-1  | 1.06     | 0.85     | 0.45     | 0.79       | 39.19   | ppb   |
| Silicon    | 28-1  | 783.07   | 775.22   | 777.03   | 778.44     | 0.53    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 59.85   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00     | 0.00       | 448.44  | ppb   |
| Sodium     | 23-2  | 10096.57 | 10278.52 | 10299.61 | 10224.90   | 1.09    | ppb   |
| Strontium  | 86-1  | 15.43    | 15.38    | 15.36    | 15.39      | 0.24    | ppb   |
| Strontium  | 88-1  | 15.12    | 15.20    | 15.47    | 15.26      | 1.21    | ppb   |
| Sulfur     | 34-1  | -914.64  | -904.17  | -986.93  | -935.25    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.16   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 3.15    | ppb   |
| Tin        | 118-1 | 0.02     | 0.02     | 0.01     | 0.01       | 54.19   | ppb   |
| Titanium   | 47-1  | 0.45     | 0.53     | 0.44     | 0.47       | 10.16   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.52   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.06     | 0.09     | 0.08       | 14.12   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 6.84     | 6.72     | 6.73     | 6.76       | 0.97    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.00     | 0.01       | 64.74   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.02    | 0.03       | 46.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.21   | -0.64   | -0.35   | -0.40      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 60.54   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.31    | 0.40    | 0.38    | 0.36       | 12.94   | ppb   |
| Barium     | 137-1 | 0.34    | 0.33    | 0.33    | 0.33       | 2.13    | ppb   |
| Beryllium  | 9-1   | 0.02    | -0.01   | 0.00    | 0.00       | 1146.84 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.25    | 0.47    | 0.72    | 0.48       | 48.35   | ppb   |
| Boron      | 11-1  | 0.16    | 0.21    | 0.49    | 0.29       | 60.91   | ppb   |
| Cadmium    | 111-1 | -0.81   | -0.84   | -0.73   | -0.79      |         | ppb   |
| Cadmium    | 106-1 | -10.64  | -11.10  | -9.75   | -10.50     |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | -0.04   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -11.70  | -16.10  | -7.91   | -11.90     |         | ppb   |
| Calcium    | 44-1  | -16.16  | -16.43  | -14.54  | -15.71     |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.07    | 0.05    | 0.06       | 21.11   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 16.62   | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | 0.02    | 0.02       | 39.55   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.32    | 0.27    | 0.37    | 0.32       | 15.36   | ppb   |
| Iron       | 57-2  | -0.50   | -1.10   | 0.15    | -0.48      |         | ppb   |
| Lead       | 206-1 | 437.63  | 440.10  | 438.24  | 438.66     | 0.29    | ppb   |
| Lead       | 207-1 | 438.11  | 440.34  | 440.53  | 439.66     | 0.31    | ppb   |
| Lead       | 208-1 | 474.45  | 474.75  | 476.63  | 475.28     | 0.25    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.02    | 0.07    | 0.11    | 0.07       | 64.18   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.02    | 0.03    | 0.02       | 51.17   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | -0.01    | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.02    | 0.00     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -25.45   | -6.13    | -10.88   | -14.15     |         | ppb   |
| Potassium  | 39-2  | -5.90    | -2.73    | -2.98    | -3.87      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.20     | 0.49     | -0.38    | 0.10       | 430.70  | ppb   |
| Selenium   | 82-1  | 0.92     | 0.55     | 0.48     | 0.65       | 36.03   | ppb   |
| Silicon    | 28-1  | -15.20   | -14.56   | -13.84   | -14.53     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.61    | 13.42    | 13.48    | 14.17      | 8.81    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.01    | -0.04    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 268.82  | ppb   |
| Sulfur     | 34-1  | -2187.22 | -2234.13 | -2034.60 | -2151.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 28.60   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.00     | 0.01       | 40.13   | ppb   |
| Tin        | 118-1 | -0.06    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.00     | -0.03    | 0.02     | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.01     | 0.01       | 28.68   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.37     | 0.35     | 0.40     | 0.37       | 6.71    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.78   | -0.67   | -0.63   | -0.70      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 139.24  | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | 126.83  | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.01   | 0.00       | 729.76  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.19    | 0.09    | -0.15   | 0.04       | 408.38  | ppb   |
| Boron      | 11-1  | -0.16   | 0.02    | 0.23    | 0.03       | 685.14  | ppb   |
| Cadmium    | 111-1 | -0.70   | -0.79   | -0.74   | -0.75      |         | ppb   |
| Cadmium    | 106-1 | -9.31   | -10.46  | -9.85   | -9.87      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | -0.05   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -25.49  | -22.15  | -20.36  | -22.67     |         | ppb   |
| Calcium    | 44-1  | -31.01  | -28.31  | -27.98  | -29.10     |         | ppb   |
| Chromium   | 52-2  | 0.09    | 0.06    | 0.05    | 0.06       | 33.13   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.03    | -0.01   | 0.01       | 363.82  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.27    | 0.17    | 0.14    | 0.19       | 35.65   | ppb   |
| Iron       | 57-2  | -1.06   | -0.47   | -0.84   | -0.79      |         | ppb   |
| Lead       | 206-1 | -0.03   | -0.05   | -0.04   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.11   | -0.14   | -0.15   | -0.13      |         | ppb   |
| Manganese  | 55-2  | 0.02    | -0.01   | 0.00    | 0.00       | 338.95  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -26.75   | -20.15   | -19.58   | -22.16     |         | ppb   |
| Potassium  | 39-2  | -2.55    | -1.05    | 0.11     | -1.16      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.69     | -0.36    | 0.05     | 0.13       | 422.24  | ppb   |
| Selenium   | 82-1  | 0.49     | 0.56     | 0.61     | 0.56       | 10.79   | ppb   |
| Silicon    | 28-1  | -18.56   | -18.53   | -18.78   | -18.63     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 176.79  | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 13.03    | 13.72    | 14.00    | 13.58      | 3.68    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2051.72 | -2095.29 | -2009.62 | -2052.21   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 21.90   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 85.38   | ppb   |
| Tin        | 118-1 | -0.05    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.02    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.00     | 0.04     | 0.02     | 0.02       | 105.69  | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-21 Instrumnet Name : P7  
 Client Sample ID : DC747-21-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:40:41 DataFile Name : 090SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 359.55  | 369.26  | 356.92  | 361.91     | 1.80    | ppb   |
| Antimony   | 121-1 | 4.30    | 4.29    | 4.29    | 4.29       | 0.10    | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.31    | 0.26    | 0.28       | 8.64    | ppb   |
| Barium     | 135-1 | 22.54   | 22.38   | 22.92   | 22.61      | 1.22    | ppb   |
| Barium     | 137-1 | 22.47   | 21.83   | 22.50   | 22.27      | 1.72    | ppb   |
| Beryllium  | 9-1   | 0.03    | -0.01   | 0.03    | 0.02       | 135.78  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.42    | 6.25    | 4.22    | 4.96       | 22.55   | ppb   |
| Boron      | 11-1  | 5.67    | 5.52    | 5.24    | 5.48       | 4.04    | ppb   |
| Cadmium    | 111-1 | -0.73   | -0.71   | -0.71   | -0.72      |         | ppb   |
| Cadmium    | 106-1 | -9.99   | -9.76   | -9.60   | -9.78      |         | ppb   |
| Cadmium    | 108-1 | 0.24    | 0.16    | 0.26    | 0.22       | 23.00   | ppb   |
| Calcium    | 43-1  | 4617.49 | 4674.84 | 4582.57 | 4624.97    | 1.01    | ppb   |
| Calcium    | 44-1  | 4617.31 | 4663.22 | 4619.47 | 4633.34    | 0.56    | ppb   |
| Chromium   | 52-2  | 0.61    | 0.60    | 0.62    | 0.61       | 1.36    | ppb   |
| Cobalt     | 59-2  | 0.16    | 0.13    | 0.16    | 0.15       | 12.03   | ppb   |
| Copper     | 63-2  | 413.76  | 418.72  | 419.82  | 417.43     | 0.77    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 91.23   | 92.14   | 92.68   | 92.02      | 0.80    | ppb   |
| Iron       | 57-2  | 96.10   | 100.56  | 92.95   | 96.54      | 3.96    | ppb   |
| Lead       | 206-1 | 1.94    | 1.95    | 1.99    | 1.96       | 1.26    | ppb   |
| Lead       | 207-1 | 1.79    | 1.76    | 1.74    | 1.77       | 1.43    | ppb   |
| Lead       | 208-1 | 1.87    | 1.82    | 1.86    | 1.85       | 1.37    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1070.58 | 1092.65 | 1083.41 | 1082.21    | 1.02    | ppb   |
| Manganese  | 55-2  | 118.47  | 119.46  | 118.54  | 118.82     | 0.46    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-21-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:40:41   | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.04     | 0.03       | 23.77   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 24.85   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.02     | 0.02       | 23.47   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.02     | 0.02     | 0.02       | 47.96   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 7.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.87    | 29.06    | 29.48    | 29.14      | 1.07    | ppb   |
| Phosphorus | 31-2  | 376.85   | 427.42   | 384.22   | 396.16     | 6.90    | ppb   |
| Potassium  | 39-2  | 463.24   | 462.45   | 460.06   | 461.92     | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.68     | -0.09    | -0.09    | 0.17       | 269.65  | ppb   |
| Selenium   | 78-2  | 0.14     | 0.02     | 0.32     | 0.16       | 94.66   | ppb   |
| Selenium   | 82-1  | 1.16     | 1.07     | 0.86     | 1.03       | 14.94   | ppb   |
| Silicon    | 28-1  | 870.88   | 886.37   | 868.89   | 875.38     | 1.09    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 36.51   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.02     | 0.01       | 42.86   | ppb   |
| Sodium     | 23-2  | 10058.55 | 10199.81 | 10105.07 | 10121.14   | 0.71    | ppb   |
| Strontium  | 86-1  | 15.46    | 15.93    | 15.37    | 15.59      | 1.92    | ppb   |
| Strontium  | 88-1  | 15.33    | 15.42    | 15.20    | 15.32      | 0.72    | ppb   |
| Sulfur     | 34-1  | -894.78  | -708.71  | -970.01  | -857.83    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 20.52   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 10.09   | ppb   |
| Tin        | 118-1 | 0.48     | 0.45     | 0.43     | 0.46       | 5.33    | ppb   |
| Titanium   | 47-1  | 1.08     | 0.97     | 1.00     | 1.02       | 5.75    | ppb   |
| Uranium    | 238-1 | 0.03     | 0.04     | 0.04     | 0.04       | 7.42    | ppb   |
| Vanadium   | 51-2  | 0.09     | 0.11     | 0.12     | 0.11       | 15.97   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1025.25  | 1047.06  | 1039.51  | 1037.27    | 1.07    | ppb   |
| Zirconium  | 90-1  | 0.04     | 0.03     | 0.03     | 0.03       | 12.42   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-21-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:40:41   | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.04    | 0.04    | 0.04       | 6.90    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-22 Instrumnet Name : P7  
 Client Sample ID : DC747-22-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:44:06 DataFile Name : 091SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.62   | 19.48   | 18.91   | 18.00      | 11.57   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 13.54   | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.28    | 0.27    | 0.28       | 5.53    | ppb   |
| Barium     | 135-1 | 13.09   | 13.22   | 12.90   | 13.07      | 1.24    | ppb   |
| Barium     | 137-1 | 13.00   | 13.22   | 13.14   | 13.12      | 0.85    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | 0.00    | 0.01       | 134.38  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.28    | 5.18    | 4.55    | 5.00       | 7.87    | ppb   |
| Boron      | 11-1  | 4.71    | 5.01    | 5.28    | 5.00       | 5.65    | ppb   |
| Cadmium    | 111-1 | -0.78   | -0.76   | -0.79   | -0.78      |         | ppb   |
| Cadmium    | 106-1 | -10.48  | -10.19  | -10.55  | -10.41     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4706.86 | 4630.16 | 4655.30 | 4664.11    | 0.84    | ppb   |
| Calcium    | 44-1  | 4714.70 | 4668.08 | 4756.05 | 4712.94    | 0.93    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.36    | 0.44    | 0.37       | 15.89   | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.03    | 0.04    | 0.03       | 13.43   | ppb   |
| Copper     | 63-2  | 49.02   | 49.11   | 49.66   | 49.26      | 0.70    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 44.81   | 46.12   | 46.12   | 45.68      | 1.66    | ppb   |
| Iron       | 57-2  | 49.70   | 49.45   | 51.00   | 50.05      | 1.66    | ppb   |
| Lead       | 206-1 | 0.17    | 0.20    | 0.19    | 0.18       | 9.22    | ppb   |
| Lead       | 207-1 | 0.18    | 0.16    | 0.19    | 0.17       | 8.85    | ppb   |
| Lead       | 208-1 | 0.17    | 0.18    | 0.18    | 0.18       | 3.93    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1056.45 | 1064.52 | 1059.37 | 1060.11    | 0.39    | ppb   |
| Manganese  | 55-2  | 32.51   | 33.11   | 32.65   | 32.76      | 0.97    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-22 Instrumnet Name : P7  
 Client Sample ID : DC747-22-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:44:06 DataFile Name : 091SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 20.45   | ppb   |
| Molybdenum | 95-1  | 0.03     | 0.02     | 0.04     | 0.03       | 34.09   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.04     | 0.03     | 0.03       | 22.86   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.02     | 0.03       | 32.72   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.02     | 0.02       | 14.07   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.54     | 0.55     | 0.55     | 0.54       | 1.09    | ppb   |
| Phosphorus | 31-2  | 566.17   | 563.28   | 657.13   | 595.53     | 8.96    | ppb   |
| Potassium  | 39-2  | 413.26   | 420.85   | 425.14   | 419.75     | 1.43    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.09    | 0.50     | 0.25     | 0.22       | 135.13  | ppb   |
| Selenium   | 82-1  | 1.32     | 0.74     | 0.67     | 0.91       | 39.09   | ppb   |
| Silicon    | 28-1  | 811.00   | 786.40   | 794.70   | 797.37     | 1.57    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 86.56   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10177.19 | 10238.86 | 10192.26 | 10202.77   | 0.32    | ppb   |
| Strontium  | 86-1  | 15.29    | 15.09    | 15.43    | 15.27      | 1.15    | ppb   |
| Strontium  | 88-1  | 15.16    | 14.96    | 15.29    | 15.14      | 1.08    | ppb   |
| Sulfur     | 34-1  | -842.40  | -1105.15 | -953.49  | -967.01    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 34.33   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.02     | 0.02       | 14.74   | ppb   |
| Tin        | 118-1 | 0.08     | 0.08     | 0.08     | 0.08       | 2.76    | ppb   |
| Titanium   | 47-1  | 0.49     | 0.52     | 0.57     | 0.53       | 7.19    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.36   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.09     | 0.06     | 0.07       | 15.38   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 18.03    | 18.20    | 18.18    | 18.14      | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 33.99   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-22-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:44:06   | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 37.64   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-23 Instrumnet Name : P7  
 Client Sample ID : DC747-23-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:47:31 DataFile Name : 092SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.49   | 23.63   | 24.83   | 23.65      | 4.96    | ppb   |
| Antimony   | 121-1 | 1.69    | 1.59    | 1.68    | 1.65       | 3.35    | ppb   |
| Arsenic    | 75-2  | 0.15    | 0.14    | 0.21    | 0.17       | 22.69   | ppb   |
| Barium     | 135-1 | 18.36   | 18.81   | 18.16   | 18.44      | 1.81    | ppb   |
| Barium     | 137-1 | 18.41   | 18.70   | 18.59   | 18.57      | 0.80    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.25    | 4.74    | 5.33    | 5.11       | 6.25    | ppb   |
| Boron      | 11-1  | 5.23    | 5.53    | 5.38    | 5.38       | 2.79    | ppb   |
| Cadmium    | 111-1 | -0.74   | -0.76   | -0.73   | -0.74      |         | ppb   |
| Cadmium    | 106-1 | -9.78   | -10.20  | -9.88   | -9.95      |         | ppb   |
| Cadmium    | 108-1 | 0.33    | 0.25    | 0.17    | 0.25       | 31.55   | ppb   |
| Calcium    | 43-1  | 4780.55 | 4885.65 | 4863.50 | 4843.23    | 1.14    | ppb   |
| Calcium    | 44-1  | 4828.73 | 4880.38 | 4883.74 | 4864.29    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.90    | 0.92    | 0.91    | 0.91       | 1.41    | ppb   |
| Cobalt     | 59-2  | 0.13    | 0.13    | 0.12    | 0.13       | 5.12    | ppb   |
| Copper     | 63-2  | 199.84  | 197.43  | 198.20  | 198.49     | 0.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 15.69   | 17.13   | 16.16   | 16.33      | 4.50    | ppb   |
| Iron       | 57-2  | 21.90   | 20.56   | 18.64   | 20.37      | 8.06    | ppb   |
| Lead       | 206-1 | 0.40    | 0.42    | 0.39    | 0.41       | 3.79    | ppb   |
| Lead       | 207-1 | 0.38    | 0.40    | 0.36    | 0.38       | 5.85    | ppb   |
| Lead       | 208-1 | 0.46    | 0.40    | 0.37    | 0.41       | 11.06   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1096.65 | 1105.51 | 1081.11 | 1094.42    | 1.13    | ppb   |
| Manganese  | 55-2  | 17.67   | 17.40   | 17.93   | 17.67      | 1.51    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-23-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:47:31   | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.03     | 0.03       | 15.70   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04     | 0.03     | 0.04       | 11.43   | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.03     | 0.04     | 0.04       | 23.38   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.04     | 0.03     | 0.04       | 31.82   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.06     | 0.04       | 41.72   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 169.85   | 166.55   | 168.53   | 168.31     | 0.99    | ppb   |
| Phosphorus | 31-2  | 160.74   | 141.47   | 151.78   | 151.33     | 6.37    | ppb   |
| Potassium  | 39-2  | 524.86   | 517.09   | 521.77   | 521.24     | 0.75    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.01     | 0.72     | -0.15    | 0.19       | 235.94  | ppb   |
| Selenium   | 82-1  | 0.74     | 1.16     | 0.20     | 0.70       | 68.67   | ppb   |
| Silicon    | 28-1  | 878.21   | 894.22   | 888.61   | 887.01     | 0.92    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.15   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 10.21   | ppb   |
| Sodium     | 23-2  | 11688.83 | 11695.41 | 11735.37 | 11706.54   | 0.22    | ppb   |
| Strontium  | 86-1  | 16.58    | 16.27    | 16.43    | 16.43      | 0.95    | ppb   |
| Strontium  | 88-1  | 16.52    | 16.16    | 16.37    | 16.35      | 1.10    | ppb   |
| Sulfur     | 34-1  | 168.48   | 205.11   | 273.49   | 215.69     | 24.71   | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.04     | 0.03       | 30.54   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.04     | 0.04       | 14.23   | ppb   |
| Tin        | 118-1 | 0.08     | 0.18     | 0.13     | 0.13       | 38.35   | ppb   |
| Titanium   | 47-1  | 0.30     | 0.20     | 0.16     | 0.22       | 32.34   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.92    | ppb   |
| Vanadium   | 51-2  | 0.04     | 0.04     | 0.04     | 0.04       | 5.26    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1135.06  | 1130.48  | 1137.87  | 1134.47    | 0.33    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 38.44   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-23-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:47:31   | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 43.76   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-24 Instrumnet Name : P7  
 Client Sample ID : DC747-24-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:50:56 DataFile Name : 093SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.44   | 12.31   | 11.52   | 13.09      | 15.84   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.03    | 0.04       | 15.95   | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.29    | 0.28    | 0.28       | 4.43    | ppb   |
| Barium     | 135-1 | 12.71   | 12.77   | 12.79   | 12.75      | 0.32    | ppb   |
| Barium     | 137-1 | 12.82   | 12.53   | 12.71   | 12.69      | 1.17    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.80    | 4.09    | 4.44    | 4.44       | 7.93    | ppb   |
| Boron      | 11-1  | 4.75    | 5.03    | 5.03    | 4.94       | 3.28    | ppb   |
| Cadmium    | 111-1 | -0.74   | -0.78   | -0.80   | -0.77      |         | ppb   |
| Cadmium    | 106-1 | -9.77   | -10.55  | -10.57  | -10.30     |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4698.93 | 4781.07 | 4735.62 | 4738.54    | 0.87    | ppb   |
| Calcium    | 44-1  | 4701.52 | 4736.92 | 4706.90 | 4715.12    | 0.40    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.33    | 0.36    | 0.34       | 4.71    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.01    | 0.02    | 0.02       | 12.21   | ppb   |
| Copper     | 63-2  | 36.57   | 36.51   | 36.44   | 36.51      | 0.18    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 27.81   | 28.77   | 28.90   | 28.49      | 2.08    | ppb   |
| Iron       | 57-2  | 31.10   | 30.84   | 33.21   | 31.72      | 4.09    | ppb   |
| Lead       | 206-1 | 0.09    | 0.08    | 0.08    | 0.08       | 1.86    | ppb   |
| Lead       | 207-1 | 0.05    | 0.08    | 0.06    | 0.07       | 19.10   | ppb   |
| Lead       | 208-1 | 0.07    | 0.08    | 0.08    | 0.08       | 9.18    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1071.38 | 1061.38 | 1067.97 | 1066.91    | 0.48    | ppb   |
| Manganese  | 55-2  | 14.83   | 14.75   | 14.50   | 14.69      | 1.18    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-24-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:50:56   | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.01     | 0.01     | 0.01       | 40.80   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.03     | 0.03     | 0.02       | 39.38   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.04     | 0.03     | 0.03       | 21.83   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.04     | 0.02     | 0.03       | 35.54   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.03       | 26.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.17     | 1.15     | 1.04     | 1.12       | 6.50    | ppb   |
| Phosphorus | 31-2  | 615.23   | 601.09   | 598.40   | 604.91     | 1.49    | ppb   |
| Potassium  | 39-2  | 423.00   | 437.89   | 432.61   | 431.16     | 1.75    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.41     | 0.16     | -0.09    | 0.16       | 157.86  | ppb   |
| Selenium   | 78-2  | 0.09     | 0.40     | -0.01    | 0.16       | 133.04  | ppb   |
| Selenium   | 82-1  | 0.32     | 0.44     | 0.48     | 0.41       | 20.39   | ppb   |
| Silicon    | 28-1  | 808.87   | 811.99   | 798.84   | 806.56     | 0.85    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 79.02   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10311.94 | 10334.83 | 10269.06 | 10305.28   | 0.32    | ppb   |
| Strontium  | 86-1  | 15.46    | 15.41    | 15.67    | 15.51      | 0.87    | ppb   |
| Strontium  | 88-1  | 15.24    | 15.18    | 15.04    | 15.15      | 0.67    | ppb   |
| Sulfur     | 34-1  | -930.05  | -879.16  | -847.87  | -885.70    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.98   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.02     | 0.01       | 6.36    | ppb   |
| Tin        | 118-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.38     | 0.42     | 0.46     | 0.42       | 10.47   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.68   | ppb   |
| Vanadium   | 51-2  | 0.08     | 0.08     | 0.06     | 0.07       | 19.07   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 14.04    | 14.47    | 14.05    | 14.19      | 1.70    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 47.27   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-24-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:50:56   | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.02    | 0.01       | 76.28   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-25 Instrumnet Name : P7  
 Client Sample ID : DC747-25-FL1-BRGCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:54:20 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 572.18  | 585.89  | 585.64  | 581.24     | 1.35    | ppb   |
| Antimony   | 121-1 | 0.16    | 0.15    | 0.16    | 0.16       | 1.74    | ppb   |
| Arsenic    | 75-2  | 0.26    | 0.23    | 0.32    | 0.27       | 16.54   | ppb   |
| Barium     | 135-1 | 13.34   | 13.35   | 13.44   | 13.38      | 0.43    | ppb   |
| Barium     | 137-1 | 13.47   | 13.77   | 13.34   | 13.52      | 1.62    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.96    | 7.07    | 6.59    | 6.54       | 8.52    | ppb   |
| Boron      | 11-1  | 6.18    | 6.27    | 5.85    | 6.10       | 3.58    | ppb   |
| Cadmium    | 111-1 | -0.77   | -0.71   | -0.74   | -0.74      |         | ppb   |
| Cadmium    | 106-1 | -10.39  | -9.55   | -9.86   | -9.93      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.03   | 0.05    | 0.01       | 449.23  | ppb   |
| Calcium    | 43-1  | 4526.69 | 4630.09 | 4618.60 | 4591.79    | 1.23    | ppb   |
| Calcium    | 44-1  | 4539.90 | 4571.88 | 4642.35 | 4584.71    | 1.14    | ppb   |
| Chromium   | 52-2  | 0.29    | 0.30    | 0.32    | 0.30       | 6.14    | ppb   |
| Cobalt     | 59-2  | 0.19    | 0.21    | 0.21    | 0.20       | 5.38    | ppb   |
| Copper     | 63-2  | 398.00  | 402.96  | 400.92  | 400.62     | 0.62    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 39.46   | 39.75   | 39.96   | 39.72      | 0.63    | ppb   |
| Iron       | 57-2  | 45.05   | 43.54   | 42.20   | 43.60      | 3.27    | ppb   |
| Lead       | 206-1 | 0.27    | 0.28    | 0.26    | 0.27       | 2.70    | ppb   |
| Lead       | 207-1 | 0.26    | 0.24    | 0.22    | 0.24       | 9.15    | ppb   |
| Lead       | 208-1 | 0.27    | 0.27    | 0.25    | 0.26       | 2.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1055.99 | 1080.84 | 1081.58 | 1072.81    | 1.36    | ppb   |
| Manganese  | 55-2  | 14.43   | 14.38   | 14.25   | 14.36      | 0.64    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-25 Instrumnet Name : P7  
 Client Sample ID : DC747-25-FL1-BRGCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:54:20 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.03     | 0.03       | 16.46   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.02     | 0.03       | 35.61   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.02     | 0.02     | 0.02       | 12.51   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.03     | 0.06     | 0.04       | 46.35   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.04     | 0.03       | 24.18   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.80     | 3.87     | 3.84     | 3.83       | 0.92    | ppb   |
| Phosphorus | 31-2  | 477.95   | 482.11   | 472.59   | 477.55     | 1.00    | ppb   |
| Potassium  | 39-2  | 418.42   | 422.05   | 413.75   | 418.07     | 0.99    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.15     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.31    | -0.34    | 0.04     | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.79     | 0.50     | 1.02     | 0.77       | 33.34   | ppb   |
| Silicon    | 28-1  | 849.00   | 833.83   | 839.55   | 840.79     | 0.91    | ppb   |
| Silver     | 109-1 | 0.01     | 0.00     | 0.00     | 0.01       | 16.66   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 122.20  | ppb   |
| Sodium     | 23-2  | 10199.94 | 10337.19 | 10288.44 | 10275.19   | 0.68    | ppb   |
| Strontium  | 86-1  | 15.07    | 15.09    | 15.20    | 15.12      | 0.48    | ppb   |
| Strontium  | 88-1  | 14.82    | 15.10    | 14.81    | 14.91      | 1.09    | ppb   |
| Sulfur     | 34-1  | -1173.27 | -1141.07 | -1079.23 | -1131.19   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.01     | 0.01       | 43.03   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.43    | ppb   |
| Tin        | 118-1 | 0.50     | 1.08     | 0.45     | 0.68       | 52.01   | ppb   |
| Titanium   | 47-1  | 1.63     | 0.26     | 0.34     | 0.74       | 104.12  | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.76   | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.16     | 0.14     | 0.15       | 7.01    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 174.03   | 178.88   | 176.31   | 176.41     | 1.38    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.02     | 0.02     | 0.02       | 8.80    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-25-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:54:20  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.04    | 0.01    | 0.03       | 54.42   | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-26 Instrumnet Name : P7  
 Client Sample ID : DC747-26-FL1-BRGCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:57:45 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 512.69  | 486.71  | 500.30  | 499.90     | 2.60    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.08    | 0.07    | 0.07       | 15.45   | ppb   |
| Arsenic    | 75-2  | 0.28    | 0.30    | 0.30    | 0.29       | 3.11    | ppb   |
| Barium     | 135-1 | 13.84   | 14.06   | 13.96   | 13.95      | 0.78    | ppb   |
| Barium     | 137-1 | 14.04   | 14.16   | 14.00   | 14.07      | 0.61    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.07    | 5.35    | 4.98    | 5.46       | 10.19   | ppb   |
| Boron      | 11-1  | 5.51    | 5.92    | 5.87    | 5.77       | 3.85    | ppb   |
| Cadmium    | 111-1 | -0.82   | -0.84   | -0.81   | -0.82      |         | ppb   |
| Cadmium    | 106-1 | -11.09  | -11.20  | -10.78  | -11.02     |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.05   | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4684.95 | 4665.16 | 4739.46 | 4696.53    | 0.82    | ppb   |
| Calcium    | 44-1  | 4723.11 | 4748.53 | 4775.55 | 4749.06    | 0.55    | ppb   |
| Chromium   | 52-2  | 0.34    | 0.36    | 0.32    | 0.34       | 5.89    | ppb   |
| Cobalt     | 59-2  | 0.17    | 0.18    | 0.17    | 0.17       | 2.28    | ppb   |
| Copper     | 63-2  | 193.15  | 192.01  | 192.47  | 192.54     | 0.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 41.05   | 39.78   | 39.42   | 40.09      | 2.13    | ppb   |
| Iron       | 57-2  | 43.00   | 43.15   | 41.33   | 42.49      | 2.37    | ppb   |
| Lead       | 206-1 | 0.12    | 0.13    | 0.11    | 0.12       | 7.14    | ppb   |
| Lead       | 207-1 | 0.10    | 0.10    | 0.09    | 0.10       | 8.67    | ppb   |
| Lead       | 208-1 | 0.11    | 0.11    | 0.10    | 0.11       | 3.68    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1078.07 | 1059.94 | 1082.75 | 1073.58    | 1.12    | ppb   |
| Manganese  | 55-2  | 16.15   | 16.36   | 16.32   | 16.28      | 0.71    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-26 Instrumnet Name : P7  
 Client Sample ID : DC747-26-FL1-BRGCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:57:45 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.03     | 0.03       | 20.92   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.28    | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.02     | 0.02       | 9.68    | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.02     | 0.03       | 37.81   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 2.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.95     | 1.02     | 0.97     | 0.98       | 3.49    | ppb   |
| Phosphorus | 31-2  | 622.98   | 529.15   | 605.64   | 585.92     | 8.52    | ppb   |
| Potassium  | 39-2  | 426.13   | 422.94   | 429.46   | 426.18     | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.02     | -0.14    | -0.48    | -0.20      |         | ppb   |
| Selenium   | 82-1  | 0.62     | 0.78     | 0.71     | 0.70       | 11.68   | ppb   |
| Silicon    | 28-1  | 820.36   | 818.17   | 828.65   | 822.39     | 0.67    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00     | 0.00       | 119.44  | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10422.81 | 10145.20 | 10226.41 | 10264.81   | 1.39    | ppb   |
| Strontium  | 86-1  | 15.32    | 15.67    | 15.17    | 15.39      | 1.67    | ppb   |
| Strontium  | 88-1  | 15.15    | 15.20    | 15.06    | 15.14      | 0.46    | ppb   |
| Sulfur     | 34-1  | -1182.40 | -1127.15 | -1124.39 | -1144.65   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 20.33   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01     | 0.01     | 0.01       | 23.95   | ppb   |
| Tin        | 118-1 | 0.42     | 0.41     | 0.40     | 0.41       | 1.57    | ppb   |
| Titanium   | 47-1  | 0.39     | 0.38     | 0.37     | 0.38       | 3.75    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 24.23   | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.11     | 0.15     | 0.13       | 16.93   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 27.76    | 27.92    | 27.82    | 27.83      | 0.30    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.02     | 0.02       | 16.92   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-26-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:57:45  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.02       | 23.44   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-27 Instrumnet Name : P7  
 Client Sample ID : DC747-27-FL1-BRBCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:01:10 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 25.01   | 18.02   | 17.46   | 20.16      | 20.85   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.24    | 0.26    | 0.25       | 5.17    | ppb   |
| Arsenic    | 75-2  | 0.25    | 0.27    | 0.19    | 0.24       | 18.58   | ppb   |
| Barium     | 135-1 | 13.72   | 13.57   | 13.84   | 13.71      | 0.97    | ppb   |
| Barium     | 137-1 | 13.44   | 13.57   | 13.56   | 13.52      | 0.54    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.16    | 5.21    | 4.93    | 4.77       | 11.32   | ppb   |
| Boron      | 11-1  | 5.06    | 4.56    | 4.73    | 4.78       | 5.30    | ppb   |
| Cadmium    | 111-1 | -0.85   | -0.74   | -0.78   | -0.79      |         | ppb   |
| Cadmium    | 106-1 | -11.35  | -9.91   | -10.37  | -10.54     |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.03    | 0.01    | 0.00       | 906.43  | ppb   |
| Calcium    | 43-1  | 4669.32 | 4777.69 | 4757.27 | 4734.76    | 1.22    | ppb   |
| Calcium    | 44-1  | 4742.68 | 4770.26 | 4810.60 | 4774.51    | 0.72    | ppb   |
| Chromium   | 52-2  | 0.40    | 0.39    | 0.43    | 0.41       | 5.08    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 10.68   | ppb   |
| Copper     | 63-2  | 281.49  | 283.23  | 283.72  | 282.81     | 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  | 22.38   | 23.67   | 23.37   | 23.14      | 2.92    | ppb   |
| Iron       | 57-2  | 23.28   | 27.32   | 27.09   | 25.89      | 8.76    | ppb   |
| Lead       | 206-1 | 0.39    | 0.42    | 0.44    | 0.42       | 5.95    | ppb   |
| Lead       | 207-1 | 0.41    | 0.39    | 0.38    | 0.39       | 3.53    | ppb   |
| Lead       | 208-1 | 0.40    | 0.41    | 0.41    | 0.40       | 1.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1064.88 | 1053.96 | 1062.86 | 1060.57    | 0.55    | ppb   |
| Manganese  | 55-2  | 13.72   | 13.81   | 14.03   | 13.85      | 1.15    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-27-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:01:10  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.03     | 0.02       | 24.83   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.03     | 0.03       | 23.28   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.02       | 15.64   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.03     | 0.03       | 34.72   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.03     | 0.03       | 22.82   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.51     | 3.45     | 3.39     | 3.45       | 1.74    | ppb   |
| Phosphorus | 31-2  | 563.69   | 604.72   | 640.67   | 603.03     | 6.39    | ppb   |
| Potassium  | 39-2  | 428.73   | 431.17   | 432.07   | 430.66     | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.82     | 0.02     | -0.16    | 0.23       | 229.51  | ppb   |
| Selenium   | 82-1  | 0.52     | 0.92     | 0.71     | 0.72       | 27.76   | ppb   |
| Silicon    | 28-1  | 784.85   | 780.25   | 846.31   | 803.80     | 4.59    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00     | 0.00       | 74.62   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 204.42  | ppb   |
| Sodium     | 23-2  | 10302.96 | 10282.16 | 10379.14 | 10321.42   | 0.49    | ppb   |
| Strontium  | 86-1  | 15.70    | 15.29    | 15.50    | 15.50      | 1.34    | ppb   |
| Strontium  | 88-1  | 15.38    | 15.29    | 15.39    | 15.35      | 0.38    | ppb   |
| Sulfur     | 34-1  | -1108.17 | -1008.67 | -957.25  | -1024.70   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.01     | 0.01     | 0.01       | 19.95   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 10.31   | ppb   |
| Tin        | 118-1 | 0.05     | 0.06     | 0.06     | 0.06       | 7.89    | ppb   |
| Titanium   | 47-1  | 0.46     | 0.35     | 0.45     | 0.42       | 15.26   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01     | 0.00       | 42.06   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.08     | 0.07       | 15.21   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 61.43    | 62.23    | 63.18    | 62.28      | 1.40    | ppb   |
| Zirconium  | 90-1  | 0.00     | 0.02     | 0.02     | 0.01       | 61.06   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-27-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:01:10  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.01       | 20.44   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-28 Instrumnet Name : P7  
 Client Sample ID : DC747-28-FL1-BRBCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:04:35 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.99   | 10.49   | 9.72    | 10.40      | 6.16    | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.04    | 0.04       | 8.75    | ppb   |
| Arsenic    | 75-2  | 0.30    | 0.31    | 0.24    | 0.29       | 12.81   | ppb   |
| Barium     | 135-1 | 12.59   | 12.61   | 12.73   | 12.64      | 0.59    | ppb   |
| Barium     | 137-1 | 12.77   | 12.72   | 12.58   | 12.69      | 0.74    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.01    | 0.01       | 64.43   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.66    | 3.70    | 3.67    | 3.67       | 0.58    | ppb   |
| Boron      | 11-1  | 4.15    | 4.35    | 4.94    | 4.48       | 9.14    | ppb   |
| Cadmium    | 111-1 | -0.76   | -0.78   | -0.77   | -0.77      |         | ppb   |
| Cadmium    | 106-1 | -10.22  | -10.41  | -10.30  | -10.31     |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4700.12 | 4698.02 | 4654.76 | 4684.30    | 0.55    | ppb   |
| Calcium    | 44-1  | 4721.37 | 4663.54 | 4627.45 | 4670.79    | 1.01    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.36    | 0.30    | 0.33       | 10.51   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.01    | 0.02       | 21.96   | ppb   |
| Copper     | 63-2  | 52.28   | 52.26   | 51.93   | 52.16      | 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  | 23.33   | 23.04   | 24.74   | 23.70      | 3.82    | ppb   |
| Iron       | 57-2  | 24.96   | 28.15   | 28.42   | 27.18      | 7.07    | ppb   |
| Lead       | 206-1 | 0.04    | 0.02    | 0.03    | 0.03       | 32.75   | ppb   |
| Lead       | 207-1 | 0.04    | 0.02    | 0.03    | 0.03       | 21.94   | ppb   |
| Lead       | 208-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.70   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1056.64 | 1057.87 | 1056.65 | 1057.05    | 0.07    | ppb   |
| Manganese  | 55-2  | 14.55   | 14.25   | 14.08   | 14.29      | 1.67    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-28 Instrumnet Name : P7  
 Client Sample ID : DC747-28-FL1-BRBCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:04:35 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 12.17   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.03     | 0.03       | 14.74   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.02     | 0.02       | 20.92   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.04     | 0.03       | 31.61   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.02       | 10.24   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.35     | 0.32     | 0.36     | 0.34       | 6.19    | ppb   |
| Phosphorus | 31-2  | 565.42   | 562.75   | 581.90   | 570.02     | 1.82    | ppb   |
| Potassium  | 39-2  | 420.84   | 425.96   | 416.08   | 420.96     | 1.17    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.66     | -0.09    | 0.24       | 158.58  | ppb   |
| Selenium   | 78-2  | 0.54     | 0.10     | 0.25     | 0.30       | 76.12   | ppb   |
| Selenium   | 82-1  | 0.99     | 0.67     | 0.80     | 0.82       | 19.71   | ppb   |
| Silicon    | 28-1  | 796.43   | 781.04   | 786.17   | 787.88     | 0.99    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 37.05   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10221.79 | 10169.26 | 10160.52 | 10183.86   | 0.33    | ppb   |
| Strontium  | 86-1  | 15.29    | 15.27    | 15.13    | 15.23      | 0.57    | ppb   |
| Strontium  | 88-1  | 15.23    | 15.13    | 14.97    | 15.11      | 0.86    | ppb   |
| Sulfur     | 34-1  | -805.88  | -922.11  | -1029.23 | -919.07    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 34.11   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.66    | ppb   |
| Tin        | 118-1 | 0.01     | -0.02    | 0.01     | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.37     | 0.44     | 0.34     | 0.38       | 13.94   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.40   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.05     | 0.08     | 0.06       | 23.39   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 4.24     | 4.47     | 4.44     | 4.38       | 2.86    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.01     | 0.01     | 0.01       | 63.36   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-28-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:04:35  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 16.10   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-29 Instrumnet Name : P7  
 Client Sample ID : DC747-29-FL1-H-W2-WC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:08:01 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.51    | 5.78    | 4.57    | 5.29       | 11.98   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.05    | 0.04       | 5.03    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.22    | 0.29    | 0.25       | 14.79   | ppb   |
| Barium     | 135-1 | 13.03   | 12.99   | 13.33   | 13.11      | 1.42    | ppb   |
| Barium     | 137-1 | 13.05   | 13.17   | 13.11   | 13.11      | 0.45    | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.02    | 6.09    | 5.23    | 5.78       | 8.31    | ppb   |
| Boron      | 11-1  | 5.83    | 6.24    | 6.10    | 6.06       | 3.42    | ppb   |
| Cadmium    | 111-1 | -0.82   | -0.80   | -0.82   | -0.81      |         | ppb   |
| Cadmium    | 106-1 | -10.87  | -10.57  | -10.78  | -10.74     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.05   | -0.02   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4434.67 | 4413.62 | 4344.43 | 4397.57    | 1.07    | ppb   |
| Calcium    | 44-1  | 4455.41 | 4424.12 | 4406.47 | 4428.67    | 0.56    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.39    | 0.34    | 0.34       | 12.13   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 51.11   | ppb   |
| Copper     | 63-2  | 2.70    | 2.82    | 2.76    | 2.76       | 2.30    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 7.60    | 7.70    | 7.83    | 7.71       | 1.48    | ppb   |
| Iron       | 57-2  | 11.54   | 12.38   | 11.98   | 11.97      | 3.52    | ppb   |
| Lead       | 206-1 | 0.07    | 0.08    | 0.08    | 0.08       | 7.34    | ppb   |
| Lead       | 207-1 | 0.05    | 0.06    | 0.06    | 0.06       | 11.61   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.61    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1059.54 | 1064.28 | 1059.37 | 1061.06    | 0.26    | ppb   |
| Manganese  | 55-2  | 2.72    | 2.68    | 2.78    | 2.73       | 1.88    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-29-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:08:01  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 59.14   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.02     | 0.03     | 0.03       | 20.80   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.03       | 24.97   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.02     | 0.04     | 0.03       | 31.54   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.03     | 0.04     | 0.03       | 14.45   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.60     | 0.64     | 0.56     | 0.60       | 6.70    | ppb   |
| Phosphorus | 31-2  | 559.32   | 604.93   | 656.34   | 606.87     | 8.00    | ppb   |
| Potassium  | 39-2  | 427.75   | 429.45   | 428.56   | 428.58     | 0.20    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.07    | 0.08     | 0.02     | 0.01       | 664.68  | ppb   |
| Selenium   | 82-1  | 0.62     | 1.20     | 0.98     | 0.93       | 31.65   | ppb   |
| Silicon    | 28-1  | 828.72   | 821.03   | 813.79   | 821.18     | 0.91    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 21.92   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.00     | 0.01       | 41.92   | ppb   |
| Sodium     | 23-2  | 10422.19 | 10488.64 | 10235.00 | 10381.94   | 1.27    | ppb   |
| Strontium  | 86-1  | 14.73    | 14.60    | 14.57    | 14.64      | 0.59    | ppb   |
| Strontium  | 88-1  | 14.65    | 14.50    | 14.42    | 14.52      | 0.78    | ppb   |
| Sulfur     | 34-1  | -1188.91 | -1088.00 | -1101.53 | -1126.15   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 29.18   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 14.54   | ppb   |
| Tin        | 118-1 | -0.03    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.28     | 0.34     | 0.26     | 0.29       | 15.52   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 116.57  | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.05     | 0.06     | 0.05       | 7.34    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 4.99     | 5.15     | 5.29     | 5.14       | 2.94    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00     | 0.00       | 28.93   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-29-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:08:01  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 30.10   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-30 Instrumnet Name : P7  
 Client Sample ID : DC747-30-FL1-H-W2-WC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:11:26 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 4.21    | 4.65    | 3.75    | 4.20       | 10.67   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.03    | 0.04       | 17.31   | ppb   |
| Arsenic    | 75-2  | 0.21    | 0.25    | 0.22    | 0.23       | 8.17    | ppb   |
| Barium     | 135-1 | 13.20   | 12.96   | 13.09   | 13.08      | 0.92    | ppb   |
| Barium     | 137-1 | 12.76   | 12.98   | 12.95   | 12.90      | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.95    | 5.58    | 4.95    | 5.16       | 7.09    | ppb   |
| Boron      | 11-1  | 5.87    | 5.66    | 5.98    | 5.84       | 2.86    | ppb   |
| Cadmium    | 111-1 | -0.83   | -0.84   | -0.84   | -0.84      |         | ppb   |
| Cadmium    | 106-1 | -10.94  | -11.12  | -11.19  | -11.08     |         | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 4332.28 | 4392.02 | 4381.53 | 4368.61    | 0.73    | ppb   |
| Calcium    | 44-1  | 4333.50 | 4361.90 | 4381.86 | 4359.09    | 0.56    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.29    | 0.32    | 0.30       | 5.08    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 20.36   | ppb   |
| Copper     | 63-2  | 2.65    | 2.72    | 2.71    | 2.69       | 1.55    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 6.89    | 7.02    | 6.87    | 6.93       | 1.20    | ppb   |
| Iron       | 57-2  | 12.67   | 10.13   | 12.59   | 11.80      | 12.23   | ppb   |
| Lead       | 206-1 | -0.03   | -0.03   | -0.02   | -0.03      |         | ppb   |
| Lead       | 207-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1057.64 | 1055.06 | 1059.72 | 1057.47    | 0.22    | ppb   |
| Manganese  | 55-2  | 2.60    | 2.62    | 2.90    | 2.71       | 6.17    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-30 Instrumnet Name : P7  
 Client Sample ID : DC747-30-FL1-H-W2-WC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:11:26 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.02       | 46.64   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.03     | 0.03       | 15.76   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.03     | 0.03     | 0.03       | 13.42   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.03     | 0.03     | 0.04       | 38.55   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.04     | 0.03     | 0.03       | 17.55   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.55     | 0.57     | 0.65     | 0.59       | 8.61    | ppb   |
| Phosphorus | 31-2  | 650.04   | 635.42   | 603.30   | 629.59     | 3.80    | ppb   |
| Potassium  | 39-2  | 429.12   | 439.88   | 438.18   | 435.73     | 1.33    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | -0.09    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.31    | 0.23     | 0.25     | 0.06       | 575.00  | ppb   |
| Selenium   | 82-1  | 1.08     | 0.49     | 0.72     | 0.77       | 38.89   | ppb   |
| Silicon    | 28-1  | 826.74   | 817.65   | 820.41   | 821.60     | 0.57    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 9.29    | ppb   |
| Silver     | 107-1 | 0.01     | 0.00     | 0.01     | 0.01       | 24.37   | ppb   |
| Sodium     | 23-2  | 10380.55 | 10434.07 | 10335.27 | 10383.30   | 0.48    | ppb   |
| Strontium  | 86-1  | 14.66    | 14.71    | 14.51    | 14.62      | 0.70    | ppb   |
| Strontium  | 88-1  | 14.37    | 14.47    | 14.62    | 14.49      | 0.87    | ppb   |
| Sulfur     | 34-1  | -1001.43 | -983.41  | -1047.20 | -1010.68   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.78   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.38   | ppb   |
| Tin        | 118-1 | -0.03    | -0.02    | -0.03    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.27     | 0.30     | 0.22     | 0.26       | 16.52   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.05     | 0.03     | 0.04     | 0.04       | 18.22   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 3.77     | 3.83     | 3.85     | 3.82       | 1.08    | ppb   |
| Zirconium  | 90-1  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-30-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:11:26  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 179.19  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.10    | -0.46   | -0.29   | -0.22      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 29.88   | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.02    | 0.00       | 1002.97 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.18    | 0.49    | 0.17    | 0.28       | 63.30   | ppb   |
| Boron      | 11-1  | 0.55    | 0.45    | 0.18    | 0.39       | 48.91   | ppb   |
| Cadmium    | 111-1 | -0.86   | -0.81   | -0.80   | -0.82      |         | ppb   |
| Cadmium    | 106-1 | -11.37  | -10.68  | -10.63  | -10.89     |         | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.01    | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -18.24  | -18.30  | -16.99  | -17.84     |         | ppb   |
| Calcium    | 44-1  | -26.44  | -24.91  | -25.84  | -25.73     |         | ppb   |
| Chromium   | 52-2  | 0.11    | 0.07    | 0.09    | 0.09       | 24.73   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 22.10   | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.03    | 0.03       | 42.76   | 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  | 0.41    | 0.43    | 0.34    | 0.39       | 11.67   | ppb   |
| Iron       | 57-2  | -0.08   | -0.35   | -0.73   | -0.39      |         | ppb   |
| Lead       | 206-1 | 437.49  | 439.56  | 434.13  | 437.06     | 0.63    | ppb   |
| Lead       | 207-1 | 436.66  | 438.08  | 430.09  | 434.94     | 0.98    | ppb   |
| Lead       | 208-1 | 477.33  | 475.05  | 469.59  | 473.99     | 0.84    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.02    | 0.03    | -0.21   | -0.06      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 5606.78 | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.01     | 0.00     | 0.01     | 0.01       | 45.09   | ppb   |
| Phosphorus | 31-2  | -23.87   | -4.47    | -24.83   | -17.73     |         | ppb   |
| Potassium  | 39-2  | -0.59    | -0.92    | -0.04    | -0.52      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.29     | 0.14     | -0.55    | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.75     | 0.50     | 0.41     | 0.55       | 32.29   | ppb   |
| Silicon    | 28-1  | -18.49   | -18.33   | -18.47   | -18.43     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 1420.29 | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 14.76    | 13.48    | 12.57    | 13.60      | 8.08    | ppb   |
| Strontium  | 86-1  | -0.01    | -0.05    | -0.06    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2184.73 | -2198.80 | -2081.83 | -2155.12   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.98   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 31.24   | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.03    | -0.04    | 0.02     | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 84.38   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.28     | 0.21     | 0.34     | 0.28       | 22.48   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.31   | -0.51   | -0.73   | -0.52      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 956.66  | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.00    | 0.00       | 355.85  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | 0.00    | 0.01       | 170.99  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.33    | 0.26    | -0.06   | 0.18       | 116.13  | ppb   |
| Boron      | 11-1  | -0.13   | 0.14    | -0.05   | -0.01      |         | ppb   |
| Cadmium    | 111-1 | -0.79   | -0.83   | -0.85   | -0.82      |         | ppb   |
| Cadmium    | 106-1 | -10.46  | -10.95  | -11.27  | -10.90     |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | 0.03    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -12.74  | -15.68  | -14.87  | -14.43     |         | ppb   |
| Calcium    | 44-1  | -20.67  | -18.35  | -19.33  | -19.45     |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.05    | 0.07    | 0.06       | 22.94   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | -0.01   | 0.01    | 0.00       | 621.46  | 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  | 0.30    | 0.27    | 0.23    | 0.27       | 13.06   | ppb   |
| Iron       | 57-2  | -0.27   | -0.16   | -1.63   | -0.68      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Lead       | 208-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.05    | 0.37    | -0.02   | 0.13       | 151.86  | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.01       | 119.01  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01    | 0.01     | 0.00       | 380.13  | ppb   |
| Phosphorus | 31-2  | -12.21   | -22.17   | -19.42   | -17.93     |         | ppb   |
| Potassium  | 39-2  | -4.74    | 1.23     | -4.57    | -2.69      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.25     | 0.01     | -0.37    | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.90     | 0.71     | 0.52     | 0.71       | 26.50   | ppb   |
| Silicon    | 28-1  | -19.90   | -20.08   | -19.68   | -19.89     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 212.12  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.80    | 14.64    | 16.03    | 15.49      | 4.79    | ppb   |
| Strontium  | 86-1  | -0.01    | -0.05    | -0.04    | -0.03      |         | ppb   |
| Strontium  | 88-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2146.97 | -2178.68 | -2183.00 | -2169.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 215.94  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 27.21   | ppb   |
| Tin        | 118-1 | -0.04    | -0.04    | -0.04    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.05    | -0.03    | -0.03    | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 2656.93 | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1.07     | 1.25     | 1.19     | 1.17       | 8.00    | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.01    | -0.01    | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

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

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-31 Instrumnet Name : P7  
 Client Sample ID : DC747-31-FL1-BRS1-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:21:41 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.34   | 19.91   | 19.78   | 19.68      | 1.53    | ppb   |
| Antimony   | 121-1 | 0.21    | 0.21    | 0.21    | 0.21       | 1.23    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.28    | 0.31    | 0.30       | 7.98    | ppb   |
| Barium     | 135-1 | 13.12   | 13.03   | 12.68   | 12.94      | 1.80    | ppb   |
| Barium     | 137-1 | 12.94   | 12.81   | 12.67   | 12.81      | 1.07    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.97    | 4.12    | 5.29    | 5.13       | 18.25   | ppb   |
| Boron      | 11-1  | 4.25    | 4.01    | 5.04    | 4.43       | 12.19   | ppb   |
| Cadmium    | 111-1 | -0.78   | -0.78   | -0.76   | -0.77      |         | ppb   |
| Cadmium    | 106-1 | -10.33  | -10.41  | -10.10  | -10.28     |         | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.03   | 0.03    | 0.02       | 237.74  | ppb   |
| Calcium    | 43-1  | 4680.25 | 4730.05 | 4699.40 | 4703.24    | 0.53    | ppb   |
| Calcium    | 44-1  | 4671.59 | 4722.32 | 4660.42 | 4684.78    | 0.70    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.32    | 0.33    | 0.32       | 2.32    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 11.67   | ppb   |
| Copper     | 63-2  | 88.45   | 87.03   | 86.96   | 87.48      | 0.96    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 22.90   | 22.71   | 22.76   | 22.79      | 0.43    | ppb   |
| Iron       | 57-2  | 25.70   | 30.48   | 26.63   | 27.60      | 9.19    | ppb   |
| Lead       | 206-1 | 0.20    | 0.21    | 0.21    | 0.21       | 2.13    | ppb   |
| Lead       | 207-1 | 0.16    | 0.17    | 0.17    | 0.17       | 2.07    | ppb   |
| Lead       | 208-1 | 0.19    | 0.19    | 0.19    | 0.19       | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1090.38 | 1059.03 | 1076.10 | 1075.17    | 1.46    | ppb   |
| Manganese  | 55-2  | 13.58   | 13.66   | 13.51   | 13.58      | 0.52    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-31 Instrumnet Name : P7  
 Client Sample ID : DC747-31-FL1-BRS1-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:21:41 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.01     | 0.02       | 38.91   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.04     | 0.02     | 0.02       | 43.99   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.03     | 0.03       | 21.30   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.01     | 0.03     | 0.03       | 60.83   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.90    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.58     | 0.53     | 0.55     | 0.55       | 4.54    | ppb   |
| Phosphorus | 31-2  | 617.38   | 593.86   | 584.03   | 598.43     | 2.86    | ppb   |
| Potassium  | 39-2  | 432.42   | 434.72   | 428.35   | 431.83     | 0.75    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.29     | -0.07    | 0.30     | 0.17       | 123.70  | ppb   |
| Selenium   | 82-1  | 0.51     | 0.15     | 0.74     | 0.47       | 64.37   | ppb   |
| Silicon    | 28-1  | 790.29   | 798.08   | 811.91   | 800.09     | 1.37    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 109.30  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10516.41 | 10337.43 | 10323.08 | 10392.31   | 1.04    | ppb   |
| Strontium  | 86-1  | 15.24    | 15.21    | 15.12    | 15.19      | 0.39    | ppb   |
| Strontium  | 88-1  | 15.14    | 15.30    | 15.31    | 15.25      | 0.65    | ppb   |
| Sulfur     | 34-1  | -1158.08 | -959.93  | -1084.82 | -1067.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 2.63    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 37.32   | ppb   |
| Tin        | 118-1 | 0.01     | -0.01    | 0.01     | 0.00       | 267.30  | ppb   |
| Titanium   | 47-1  | 0.53     | 0.54     | 0.39     | 0.49       | 17.09   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 16.14   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.06     | 0.06       | 5.61    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 15.64    | 15.65    | 15.61    | 15.63      | 0.15    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 98.66   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-31-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:21:41  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.02    | 0.02       | 33.32   | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-32 Instrumnet Name : P7  
 Client Sample ID : DC747-32-FL1-BRS1-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:25:06 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 10.32   | 16.43   | 10.88   | 12.54      | 26.93   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.14    | ppb   |
| Arsenic    | 75-2  | 0.27    | 0.28    | 0.26    | 0.27       | 3.74    | ppb   |
| Barium     | 135-1 | 12.56   | 12.56   | 12.48   | 12.54      | 0.36    | ppb   |
| Barium     | 137-1 | 12.28   | 12.36   | 12.23   | 12.29      | 0.53    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.23    | 4.48    | 5.06    | 4.92       | 8.07    | ppb   |
| Boron      | 11-1  | 5.15    | 4.74    | 5.10    | 5.00       | 4.48    | ppb   |
| Cadmium    | 111-1 | -0.80   | -0.76   | -0.81   | -0.79      |         | ppb   |
| Cadmium    | 106-1 | -10.69  | -10.06  | -10.80  | -10.52     |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.02   | -0.03   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4592.22 | 4657.25 | 4634.86 | 4628.11    | 0.71    | ppb   |
| Calcium    | 44-1  | 4616.11 | 4668.71 | 4664.01 | 4649.61    | 0.63    | ppb   |
| Chromium   | 52-2  | 0.42    | 0.37    | 0.41    | 0.40       | 6.78    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.03    | 0.02       | 38.30   | ppb   |
| Copper     | 63-2  | 40.72   | 40.39   | 40.66   | 40.59      | 0.43    | 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  | 22.96   | 23.06   | 22.93   | 22.98      | 0.30    | ppb   |
| Iron       | 57-2  | 25.27   | 25.36   | 24.76   | 25.13      | 1.28    | ppb   |
| Lead       | 206-1 | 0.03    | 0.03    | 0.04    | 0.03       | 26.40   | ppb   |
| Lead       | 207-1 | 0.02    | 0.00    | 0.02    | 0.01       | 84.93   | ppb   |
| Lead       | 208-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.60   | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1048.88 | 1041.45 | 1064.64 | 1051.65    | 1.13    | ppb   |
| Manganese  | 55-2  | 13.31   | 13.35   | 13.27   | 13.31      | 0.31    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-32-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:25:06  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.01     | 0.02     | 0.02       | 20.17   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.02     | 0.02       | 9.88    | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.02     | 0.02       | 26.75   | ppb   |
| Molybdenum | 97-1  | 0.04     | 0.03     | 0.01     | 0.03       | 47.20   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.03     | 0.02     | 0.03       | 6.59    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.27     | 0.30     | 0.24     | 0.27       | 11.19   | ppb   |
| Phosphorus | 31-2  | 562.49   | 660.35   | 625.01   | 615.95     | 8.05    | ppb   |
| Potassium  | 39-2  | 432.28   | 427.19   | 429.80   | 429.76     | 0.59    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.04     | 0.53     | -0.32    | 0.08       | 532.54  | ppb   |
| Selenium   | 82-1  | 0.72     | 0.76     | 0.90     | 0.80       | 11.86   | ppb   |
| Silicon    | 28-1  | 779.68   | 777.57   | 792.02   | 783.09     | 1.00    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 167.65  | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10304.44 | 10135.87 | 10334.24 | 10258.19   | 1.04    | ppb   |
| Strontium  | 86-1  | 15.23    | 15.57    | 15.24    | 15.35      | 1.25    | ppb   |
| Strontium  | 88-1  | 14.85    | 15.02    | 15.02    | 14.96      | 0.64    | ppb   |
| Sulfur     | 34-1  | -1093.02 | -1119.75 | -1084.04 | -1098.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.02     | 0.00     | 0.01     | 0.01       | 58.66   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 12.57   | ppb   |
| Tin        | 118-1 | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.38     | 1.13     | 0.33     | 0.62       | 72.55   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 25.12   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.06     | 0.07     | 0.06       | 6.14    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 6.73     | 6.65     | 6.88     | 6.75       | 1.71    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 61.30   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-32-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:25:06  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 49.82   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-33 Instrumnet Name : P7  
 Client Sample ID : DC747-33-FL1-BRS2-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:28:31 DataFile Name : 104SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.70   | 15.27   | 15.07   | 14.68      | 5.82    | ppb   |
| Antimony   | 121-1 | 0.18    | 0.14    | 0.15    | 0.16       | 12.40   | ppb   |
| Arsenic    | 75-2  | 0.29    | 0.30    | 0.25    | 0.28       | 8.97    | ppb   |
| Barium     | 135-1 | 13.19   | 13.16   | 13.06   | 13.13      | 0.52    | ppb   |
| Barium     | 137-1 | 13.19   | 13.24   | 13.15   | 13.20      | 0.32    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.01       | 63.17   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 3.82    | 5.37    | 4.96    | 4.72       | 17.02   | ppb   |
| Boron      | 11-1  | 4.70    | 5.31    | 4.47    | 4.82       | 8.99    | ppb   |
| Cadmium    | 111-1 | -0.77   | -0.84   | -0.82   | -0.81      |         | ppb   |
| Cadmium    | 106-1 | -10.21  | -11.16  | -10.87  | -10.75     |         | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.05   | -0.05   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 4716.64 | 4652.13 | 4671.25 | 4680.01    | 0.71    | ppb   |
| Calcium    | 44-1  | 4677.84 | 4677.86 | 4683.94 | 4679.88    | 0.08    | ppb   |
| Chromium   | 52-2  | 0.32    | 0.27    | 0.29    | 0.29       | 7.97    | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.02    | 0.02       | 21.51   | ppb   |
| Copper     | 63-2  | 136.42  | 136.48  | 136.04  | 136.31     | 0.17    | 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  | 22.40   | 22.10   | 22.49   | 22.33      | 0.91    | ppb   |
| Iron       | 57-2  | 29.53   | 26.06   | 26.20   | 27.27      | 7.20    | ppb   |
| Lead       | 206-1 | 0.28    | 0.27    | 0.29    | 0.28       | 3.08    | ppb   |
| Lead       | 207-1 | 0.24    | 0.26    | 0.24    | 0.25       | 5.74    | ppb   |
| Lead       | 208-1 | 0.26    | 0.26    | 0.26    | 0.26       | 0.44    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1060.82 | 1085.79 | 1064.44 | 1070.35    | 1.26    | ppb   |
| Manganese  | 55-2  | 13.84   | 13.93   | 13.83   | 13.87      | 0.42    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-33-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:28:31  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 14.72   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.03     | 0.01     | 0.02       | 66.37   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.01     | 0.02     | 0.02       | 38.65   | ppb   |
| Molybdenum | 97-1  | 0.01     | 0.01     | 0.02     | 0.01       | 51.10   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 11.24   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.51     | 0.59     | 0.54     | 0.55       | 8.08    | ppb   |
| Phosphorus | 31-2  | 604.73   | 622.78   | 540.12   | 589.21     | 7.38    | ppb   |
| Potassium  | 39-2  | 430.94   | 432.79   | 430.95   | 431.56     | 0.25    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | 0.16     | 0.07       | 193.35  | ppb   |
| Selenium   | 78-2  | 0.03     | 0.00     | 0.06     | 0.03       | 109.67  | ppb   |
| Selenium   | 82-1  | 1.13     | 0.55     | 1.16     | 0.95       | 36.00   | ppb   |
| Silicon    | 28-1  | 782.35   | 774.08   | 778.62   | 778.35     | 0.53    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 15.59   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       | 72.72   | ppb   |
| Sodium     | 23-2  | 10287.23 | 10286.95 | 10350.22 | 10308.13   | 0.35    | ppb   |
| Strontium  | 86-1  | 15.32    | 15.37    | 15.42    | 15.37      | 0.36    | ppb   |
| Strontium  | 88-1  | 15.39    | 15.47    | 15.18    | 15.35      | 0.98    | ppb   |
| Sulfur     | 34-1  | -1121.42 | -1241.45 | -1252.09 | -1204.99   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.02     | 0.01       | 39.94   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 13.46   | ppb   |
| Tin        | 118-1 | 0.00     | 0.01     | 0.01     | 0.00       | 144.35  | ppb   |
| Titanium   | 47-1  | 0.41     | 0.41     | 0.39     | 0.40       | 2.75    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.01     | 0.01       | 28.23   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.06     | 0.07     | 0.07       | 3.94    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 40.91    | 40.27    | 39.92    | 40.37      | 1.24    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 39.62   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-33-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:28:31  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.82   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-34 Instrumnet Name : P7  
 Client Sample ID : DC747-34-FL1-BRS2-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:31:56 DataFile Name : 105SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 9.03    | 10.55   | 11.39   | 10.32      | 11.59   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.11    | ppb   |
| Arsenic    | 75-2  | 0.33    | 0.29    | 0.26    | 0.29       | 11.66   | ppb   |
| Barium     | 135-1 | 12.29   | 12.65   | 12.52   | 12.48      | 1.46    | ppb   |
| Barium     | 137-1 | 12.59   | 12.45   | 12.40   | 12.48      | 0.77    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.71    | 4.22    | 4.53    | 4.48       | 5.47    | ppb   |
| Boron      | 11-1  | 4.11    | 4.76    | 4.52    | 4.46       | 7.37    | ppb   |
| Cadmium    | 111-1 | -0.81   | -0.82   | -0.83   | -0.82      |         | ppb   |
| Cadmium    | 106-1 | -10.79  | -10.91  | -11.07  | -10.92     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 4651.37 | 4661.55 | 4650.56 | 4654.49    | 0.13    | ppb   |
| Calcium    | 44-1  | 4668.85 | 4660.75 | 4698.04 | 4675.88    | 0.42    | ppb   |
| Chromium   | 52-2  | 0.30    | 0.27    | 0.28    | 0.28       | 5.06    | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.01    | 0.01       | 3.91    | ppb   |
| Copper     | 63-2  | 26.13   | 26.23   | 26.07   | 26.14      | 0.29    | 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  | 23.93   | 24.09   | 23.95   | 23.99      | 0.37    | ppb   |
| Iron       | 57-2  | 29.67   | 27.24   | 30.79   | 29.23      | 6.21    | ppb   |
| Lead       | 206-1 | 0.12    | 0.10    | 0.12    | 0.11       | 12.07   | ppb   |
| Lead       | 207-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.47    | ppb   |
| Lead       | 208-1 | 0.10    | 0.09    | 0.10    | 0.10       | 3.82    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1059.45 | 1060.87 | 1045.24 | 1055.19    | 0.82    | ppb   |
| Manganese  | 55-2  | 13.74   | 13.68   | 13.67   | 13.70      | 0.27    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-34 Instrumnet Name : P7  
 Client Sample ID : DC747-34-FL1-BRS2-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:31:56 DataFile Name : 105SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.01     | 0.01     | 0.02       | 61.56   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.02     | 0.02       | 13.08   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03     | 0.03       | 5.46    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.04     | 0.03       | 47.74   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.02     | 0.03     | 0.02       | 5.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.38     | 0.32     | 0.38     | 0.36       | 10.10   | ppb   |
| Phosphorus | 31-2  | 585.26   | 608.75   | 632.32   | 608.78     | 3.86    | ppb   |
| Potassium  | 39-2  | 427.06   | 429.91   | 423.46   | 426.81     | 0.76    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | -0.09    | 0.41     | 0.16       | 157.64  | ppb   |
| Selenium   | 78-2  | 0.54     | 0.71     | -0.37    | 0.29       | 199.66  | ppb   |
| Selenium   | 82-1  | 0.48     | 0.96     | 1.09     | 0.84       | 38.41   | ppb   |
| Silicon    | 28-1  | 780.90   | 784.51   | 779.50   | 781.64     | 0.33    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10435.04 | 10390.16 | 10390.60 | 10405.27   | 0.25    | ppb   |
| Strontium  | 86-1  | 15.55    | 15.03    | 15.19    | 15.26      | 1.73    | ppb   |
| Strontium  | 88-1  | 15.26    | 15.02    | 15.00    | 15.09      | 0.96    | ppb   |
| Sulfur     | 34-1  | -1185.80 | -1325.19 | -1362.77 | -1291.25   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.02     | 0.01     | 0.01       | 66.77   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 7.93    | ppb   |
| Tin        | 118-1 | 0.00     | 0.00     | 0.01     | 0.01       | 76.14   | ppb   |
| Titanium   | 47-1  | 0.42     | 0.38     | 0.39     | 0.40       | 5.83    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 11.48   | ppb   |
| Vanadium   | 51-2  | 0.06     | 0.07     | 0.07     | 0.07       | 8.24    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 6.50     | 6.74     | 6.30     | 6.51       | 3.37    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00     | 0.00       | 80.42   | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-34-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:31:56  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 17.22   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-35 Instrumnet Name : P7  
 Client Sample ID : DC747-35-FL1-KI-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:35:21 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 139.52  | 135.64  | 140.90  | 138.69     | 1.97    | ppb   |
| Antimony   | 121-1 | 2.93    | 2.90    | 2.80    | 2.88       | 2.48    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.22    | 0.23    | 0.23       | 3.18    | ppb   |
| Barium     | 135-1 | 15.59   | 16.05   | 15.56   | 15.73      | 1.76    | ppb   |
| Barium     | 137-1 | 15.52   | 15.65   | 15.67   | 15.61      | 0.53    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.02    | -0.01   | 0.00       | 476.76  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 5.67    | 4.17    | 4.75    | 4.86       | 15.56   | ppb   |
| Boron      | 11-1  | 5.13    | 4.24    | 5.08    | 4.81       | 10.38   | ppb   |
| Cadmium    | 111-1 | -0.68   | -0.68   | -0.67   | -0.68      |         | ppb   |
| Cadmium    | 106-1 | -10.79  | -10.84  | -10.39  | -10.67     |         | ppb   |
| Cadmium    | 108-1 | 0.27    | 0.29    | 0.34    | 0.30       | 11.95   | ppb   |
| Calcium    | 43-1  | 4526.26 | 4475.38 | 4442.99 | 4481.54    | 0.94    | ppb   |
| Calcium    | 44-1  | 4487.42 | 4539.03 | 4475.38 | 4500.61    | 0.75    | ppb   |
| Chromium   | 52-2  | 0.22    | 0.20    | 0.23    | 0.22       | 7.05    | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.22    | 0.21    | 0.22       | 2.07    | ppb   |
| Copper     | 63-2  | 380.41  | 377.57  | 376.42  | 378.13     | 0.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 19.81   | 19.48   | 19.68   | 19.65      | 0.85    | ppb   |
| Iron       | 57-2  | 25.48   | 23.99   | 23.35   | 24.27      | 4.50    | ppb   |
| Lead       | 206-1 | 2.26    | 2.13    | 2.19    | 2.19       | 3.04    | ppb   |
| Lead       | 207-1 | 2.06    | 2.13    | 2.08    | 2.09       | 1.70    | ppb   |
| Lead       | 208-1 | 2.16    | 2.16    | 2.13    | 2.15       | 0.89    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1080.01 | 1093.01 | 1103.72 | 1092.25    | 1.09    | ppb   |
| Manganese  | 55-2  | 13.97   | 13.91   | 14.05   | 13.98      | 0.48    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-35 Instrumnet Name : P7  
 Client Sample ID : DC747-35-FL1-KI-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:35:21 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 22.96   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.02     | 0.02       | 29.55   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.01     | 0.02     | 0.02       | 20.05   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.03     | 0.03     | 0.02       | 29.20   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02     | 0.03       | 27.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 93.26    | 93.05    | 92.26    | 92.86      | 0.57    | ppb   |
| Phosphorus | 31-2  | 373.06   | 343.72   | 351.53   | 356.10     | 4.27    | ppb   |
| Potassium  | 39-2  | 489.06   | 487.07   | 490.61   | 488.91     | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | 0.41     | 0.16       | 158.38  | ppb   |
| Selenium   | 78-2  | -0.10    | -0.02    | 0.81     | 0.23       | 219.48  | ppb   |
| Selenium   | 82-1  | 0.87     | 1.05     | 0.37     | 0.76       | 46.11   | ppb   |
| Silicon    | 28-1  | 910.23   | 911.04   | 904.39   | 908.56     | 0.40    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.01     | 0.00       | 39.93   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10381.73 | 10418.79 | 10454.65 | 10418.39   | 0.35    | ppb   |
| Strontium  | 86-1  | 15.28    | 15.30    | 15.33    | 15.30      | 0.15    | ppb   |
| Strontium  | 88-1  | 15.05    | 15.24    | 15.28    | 15.19      | 0.81    | ppb   |
| Sulfur     | 34-1  | -1292.95 | -1111.18 | -1326.27 | -1243.47   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.01     | 0.02     | 0.02       | 26.43   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 13.25   | ppb   |
| Tin        | 118-1 | 0.10     | 0.08     | 0.11     | 0.10       | 14.19   | ppb   |
| Titanium   | 47-1  | 0.28     | 0.26     | 0.23     | 0.25       | 9.38    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.01     | 0.00       | 42.59   | ppb   |
| Vanadium   | 51-2  | 0.07     | 0.05     | 0.06     | 0.06       | 18.15   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 794.60   | 794.82   | 795.06   | 794.83     | 0.03    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.01     | 0.01       | 24.92   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-35-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:35:21   | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.03    | 0.02    | 0.02       | 17.58   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-36 Instrumnet Name : P7  
 Client Sample ID : DC747-36-FL1-KI-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:38:45 DataFile Name : 107SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 158.35  | 156.27  | 158.61  | 157.74     | 0.81    | ppb   |
| Antimony   | 121-1 | 0.10    | 0.10    | 0.10    | 0.10       | 1.08    | ppb   |
| Arsenic    | 75-2  | 0.31    | 0.29    | 0.26    | 0.29       | 7.32    | ppb   |
| Barium     | 135-1 | 12.50   | 12.44   | 12.81   | 12.59      | 1.59    | ppb   |
| Barium     | 137-1 | 12.51   | 12.48   | 12.60   | 12.53      | 0.50    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | 0.02    | 0.00       | 369.06  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.43    | 5.34    | 4.58    | 5.45       | 17.02   | ppb   |
| Boron      | 11-1  | 6.05    | 5.54    | 5.77    | 5.79       | 4.41    | ppb   |
| Cadmium    | 111-1 | -0.84   | -0.82   | -0.80   | -0.82      |         | ppb   |
| Cadmium    | 106-1 | -11.20  | -10.96  | -10.65  | -10.93     |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4675.49 | 4731.96 | 4631.09 | 4679.51    | 1.08    | ppb   |
| Calcium    | 44-1  | 4648.68 | 4693.48 | 4678.91 | 4673.69    | 0.49    | ppb   |
| Chromium   | 52-2  | 0.27    | 0.25    | 0.25    | 0.26       | 3.99    | ppb   |
| Cobalt     | 59-2  | 0.12    | 0.13    | 0.12    | 0.12       | 4.85    | ppb   |
| Copper     | 63-2  | 180.92  | 180.20  | 179.83  | 180.32     | 0.31    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 18.90   | 19.16   | 18.68   | 18.91      | 1.27    | ppb   |
| Iron       | 57-2  | 23.77   | 24.32   | 22.91   | 23.67      | 3.01    | ppb   |
| Lead       | 206-1 | 0.06    | 0.05    | 0.04    | 0.05       | 13.19   | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.04    | 0.04       | 8.30    | ppb   |
| Lead       | 208-1 | 0.05    | 0.04    | 0.04    | 0.04       | 9.07    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1073.25 | 1064.28 | 1070.46 | 1069.33    | 0.43    | ppb   |
| Manganese  | 55-2  | 10.47   | 10.60   | 10.58   | 10.55      | 0.64    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-36-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:38:45   | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.02     | 0.02       | 4.88    | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.02     | 0.03       | 24.02   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.02     | 0.03       | 22.82   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.03     | 0.02       | 17.94   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 7.45    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.60     | 1.56     | 1.49     | 1.55       | 3.43    | ppb   |
| Phosphorus | 31-2  | 540.10   | 528.42   | 528.74   | 532.42     | 1.25    | ppb   |
| Potassium  | 39-2  | 432.23   | 424.26   | 420.51   | 425.67     | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.16     | 1.15     | 0.41       | 161.81  | ppb   |
| Selenium   | 78-2  | 0.14     | 0.00     | -0.80    | -0.22      |         | ppb   |
| Selenium   | 82-1  | 0.71     | 0.90     | 0.49     | 0.70       | 29.58   | ppb   |
| Silicon    | 28-1  | 819.23   | 824.26   | 819.46   | 820.98     | 0.35    | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 11.26   | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 10390.27 | 10347.60 | 10282.84 | 10340.23   | 0.52    | ppb   |
| Strontium  | 86-1  | 15.07    | 14.96    | 15.12    | 15.05      | 0.54    | ppb   |
| Strontium  | 88-1  | 15.04    | 14.93    | 14.88    | 14.95      | 0.55    | ppb   |
| Sulfur     | 34-1  | -1024.89 | -1007.70 | -991.90  | -1008.16   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.02     | 0.02       | 6.55    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 19.44   | ppb   |
| Tin        | 118-1 | 0.08     | 0.08     | 0.12     | 0.09       | 24.41   | ppb   |
| Titanium   | 47-1  | 0.37     | 0.20     | 0.35     | 0.31       | 30.34   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.00     | 0.01     | 0.01       | 42.11   | ppb   |
| Vanadium   | 51-2  | 0.10     | 0.10     | 0.10     | 0.10       | 1.86    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 22.55    | 22.58    | 21.48    | 22.20      | 2.83    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.00     | 0.01     | 0.01       | 47.84   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-36-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:38:45   | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.02    | 0.01       | 167.11  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.10    | -0.57   | 0.04    | -0.14      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 133.16  | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 1.14    | -0.22   | 0.43    | 0.45       | 150.10  | ppb   |
| Boron      | 11-1  | 0.40    | 0.33    | 0.16    | 0.30       | 40.74   | ppb   |
| Cadmium    | 111-1 | -0.87   | -0.79   | -0.77   | -0.81      |         | ppb   |
| Cadmium    | 106-1 | -11.52  | -10.40  | -10.23  | -10.72     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.00    | -0.06   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -24.10  | -23.09  | -21.81  | -23.00     |         | ppb   |
| Calcium    | 44-1  | -30.71  | -29.76  | -29.73  | -30.07     |         | ppb   |
| Chromium   | 52-2  | 0.09    | 0.04    | 0.05    | 0.06       | 45.65   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.02    | 0.01    | 0.01       | 57.63   | 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  | 0.18    | 0.16    | 0.17    | 0.17       | 3.87    | ppb   |
| Iron       | 57-2  | -0.28   | -0.59   | 0.03    | -0.28      |         | ppb   |
| Lead       | 206-1 | 0.01    | -0.06   | -0.06   | -0.04      |         | ppb   |
| Lead       | 207-1 | 0.00    | -0.06   | -0.05   | -0.04      |         | ppb   |
| Lead       | 208-1 | 0.01    | -0.06   | -0.06   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.01   | -0.24   | 0.02    | -0.08      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -21.87   | -26.91   | -18.18   | -22.32     |         | ppb   |
| Potassium  | 39-2  | -0.64    | -4.65    | -1.17    | -2.15      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.35    | -0.15    | -0.36    | -0.29      |         | ppb   |
| Selenium   | 82-1  | 0.28     | 0.83     | 0.84     | 0.65       | 49.12   | ppb   |
| Silicon    | 28-1  | -19.53   | -19.97   | -19.74   | -19.75     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 15.02    | 15.11    | 15.48    | 15.20      | 1.61    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.05    | -0.05    | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2123.72 | -2186.27 | -2191.77 | -2167.25   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.00       | 89.24   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.01     | 0.01       | 52.53   | ppb   |
| Tin        | 118-1 | -0.05    | -0.05    | -0.04    | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.03    | -0.03    | 0.02     | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 61.94   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.03     | 0.01     | -0.02    | 0.01       | 395.78  | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.02   | 0.09    | -0.35   | -0.09      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 408.23  | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | 0.02    | 0.00       | 1020.18 | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 0.27    | 0.27    | -0.06   | 0.16       | 119.17  | ppb   |
| Boron      | 11-1  | 0.31    | 0.21    | 0.19    | 0.24       | 25.74   | ppb   |
| Cadmium    | 111-1 | -0.85   | -0.81   | -0.83   | -0.83      |         | ppb   |
| Cadmium    | 106-1 | -11.28  | -10.80  | -11.03  | -11.04     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -18.15  | -18.58  | -18.78  | -18.50     |         | ppb   |
| Calcium    | 44-1  | -26.31  | -26.44  | -28.50  | -27.08     |         | ppb   |
| Chromium   | 52-2  | 0.07    | 0.08    | 0.05    | 0.07       | 17.37   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 39.59   | ppb   |
| Copper     | 63-2  | 0.00    | 0.03    | 0.01    | 0.01       | 124.72  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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    | 0.34    | 0.32    | 0.30       | 18.27   | ppb   |
| Iron       | 57-2  | -1.51   | -0.31   | -0.71   | -0.84      |         | ppb   |
| Lead       | 206-1 | 427.06  | 430.98  | 432.98  | 430.34     | 0.70    | ppb   |
| Lead       | 207-1 | 430.25  | 428.47  | 429.55  | 429.42     | 0.21    | ppb   |
| Lead       | 208-1 | 468.56  | 470.12  | 470.52  | 469.73     | 0.22    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.01   | 0.06    | -0.07   | -0.01      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 237.04  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.03     | 0.01     | 0.01       | 111.16  | ppb   |
| Phosphorus | 31-2  | -24.02   | -21.14   | -18.49   | -21.22     |         | ppb   |
| Potassium  | 39-2  | -1.88    | -0.51    | -3.79    | -2.06      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | 0.13     | -0.22    | 0.38     | 0.10       | 298.98  | ppb   |
| Selenium   | 82-1  | 0.20     | 0.55     | 0.50     | 0.42       | 45.18   | ppb   |
| Silicon    | 28-1  | -19.16   | -19.39   | -18.99   | -19.18     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Sodium     | 23-2  | 13.28    | 12.68    | 12.63    | 12.86      | 2.80    | ppb   |
| Strontium  | 86-1  | -0.02    | -0.04    | -0.06    | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2363.32 | -2285.44 | -2268.78 | -2305.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.01     | 0.00       | 19.71   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 45.65   | ppb   |
| Tin        | 118-1 | -0.06    | -0.07    | -0.05    | -0.06      |         | ppb   |
| Titanium   | 47-1  | -0.04    | 0.02     | -0.04    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.00     | 0.01     | 0.01       | 31.72   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.20     | 0.66     | 0.30     | 0.38       | 63.44   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.02    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.18   | -0.57   | -0.68   | -0.48      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.05   | 0.11    | 0.28    | 0.11       | 144.02  | ppb   |
| Boron      | 11-1  | -0.15   | 0.03    | 0.14    | 0.01       | 2619.94 | ppb   |
| Cadmium    | 111-1 | -0.80   | -0.83   | -0.77   | -0.80      |         | ppb   |
| Cadmium    | 106-1 | -10.62  | -10.94  | -10.13  | -10.57     |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.06   | -0.03   | -0.05      |         | ppb   |
| Calcium    | 43-1  | -29.47  | -26.41  | -22.18  | -26.02     |         | ppb   |
| Calcium    | 44-1  | -32.54  | -31.38  | -33.71  | -32.54     |         | ppb   |
| Chromium   | 52-2  | 0.05    | 0.07    | 0.05    | 0.06       | 17.75   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.00    | 0.03    | 0.01       | 126.79  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.22    | 0.04    | 0.18    | 0.14       | 66.69   | ppb   |
| Iron       | 57-2  | -1.12   | -0.97   | -0.16   | -0.75      |         | ppb   |
| Lead       | 206-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 207-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lead       | 208-1 | -0.05   | -0.05   | -0.05   | -0.05      |         | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | -0.16   | 0.01    | -0.12   | -0.09      |         | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.01    | 0.01       | 82.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -17.34   | -24.03   | -13.63   | -18.33     |         | ppb   |
| Potassium  | 39-2  | -5.06    | 0.40     | -5.11    | -3.26      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | -0.09    | -0.09      |         | ppb   |
| Selenium   | 78-2  | -0.37    | 0.17     | 0.44     | 0.08       | 518.68  | ppb   |
| Selenium   | 82-1  | 0.75     | 0.65     | 0.39     | 0.60       | 30.72   | ppb   |
| Silicon    | 28-1  | -20.96   | -20.69   | -20.72   | -20.79     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 13.92    | 13.04    | 13.73    | 13.56      | 3.42    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.04    | -0.02    | -0.04      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2307.70 | -2276.57 | -2329.41 | -2304.56   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.06    | -0.05      |         | ppb   |
| Titanium   | 47-1  | -0.06    | 0.01     | -0.07    | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.00     | -0.02    | -0.02    | -0.01      |         | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.45   | -0.23   | -0.62   | -0.44      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | 460.05  | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 4.37    | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | -0.04   | 0.04    | -0.38   | -0.13      |         | ppb   |
| Boron      | 11-1  | 0.19    | 0.19    | 0.40    | 0.26       | 46.79   | ppb   |
| Cadmium    | 111-1 | -0.85   | -0.81   | -0.83   | -0.83      |         | ppb   |
| Cadmium    | 106-1 | -11.20  | -10.80  | -10.99  | -11.00     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Calcium    | 43-1  | -21.19  | -18.64  | -23.72  | -21.18     |         | ppb   |
| Calcium    | 44-1  | -28.58  | -28.93  | -28.03  | -28.51     |         | ppb   |
| Chromium   | 52-2  | 0.07    | 0.06    | 0.08    | 0.07       | 14.89   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 351.31  | ppb   |
| Copper     | 63-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.26    | 0.19    | 0.20    | 0.22       | 16.77   | ppb   |
| Iron       | 57-2  | -0.79   | -0.58   | -0.74   | -0.70      |         | ppb   |
| Lead       | 206-1 | 424.91  | 432.06  | 431.64  | 429.53     | 0.93    | ppb   |
| Lead       | 207-1 | 428.38  | 427.36  | 431.15  | 428.96     | 0.46    | ppb   |
| Lead       | 208-1 | 469.33  | 470.09  | 471.12  | 470.18     | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.01    | -0.06   | -0.06   | -0.04      |         | ppb   |
| Manganese  | 55-2  | -0.01   | 0.00    | 0.02    | 0.00       | 442.72  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.02     | -0.01    | 0.00       | 514.03  | ppb   |
| Phosphorus | 31-2  | -19.18   | -19.18   | -5.86    | -14.74     |         | ppb   |
| Potassium  | 39-2  | -2.41    | -1.94    | -1.82    | -2.06      |         | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | -0.09    | 0.16     | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.10    | 0.65     | 0.02     | 0.19       | 214.21  | ppb   |
| Selenium   | 82-1  | 1.07     | 0.53     | 0.69     | 0.76       | 36.29   | ppb   |
| Silicon    | 28-1  | -19.27   | -19.03   | -19.40   | -19.24     |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 12.07    | 12.79    | 11.76    | 12.21      | 4.34    | ppb   |
| Strontium  | 86-1  | -0.05    | -0.08    | -0.07    | -0.07      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2226.52 | -2222.17 | -2193.75 | -2214.15   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.00     | 0.00       | 118.83  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.00     | 0.00     | 0.00       | 395.52  | ppb   |
| Tin        | 118-1 | -0.05    | 0.55     | -0.06    | 0.15       | 234.10  | ppb   |
| Titanium   | 47-1  | -0.03    | -0.01    | -0.01    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.01     | 0.00     | 0.00       | 207.60  | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.04     | 0.19     | 0.20     | 0.15       | 60.78   | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

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

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:55:56   | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 51.95   | 52.06   | 50.47   | 51.49      | 1.72    | ppb   |
| Antimony   | 121-1 | 0.69    | 0.73    | 0.67    | 0.70       | 4.29    | ppb   |
| Arsenic    | 75-2  | 0.99    | 0.92    | 0.94    | 0.95       | 4.03    | ppb   |
| Barium     | 135-1 | 23.69   | 24.18   | 23.86   | 23.91      | 1.05    | ppb   |
| Barium     | 137-1 | 23.82   | 23.61   | 23.91   | 23.78      | 0.64    | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.45    | 7.19    | 9.04    | 7.56       | 17.68   | ppb   |
| Boron      | 11-1  | 7.77    | 7.75    | 7.98    | 7.83       | 1.60    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.11   | -0.12   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -9.17   | -8.84   | -8.87   | -8.96      |         | ppb   |
| Cadmium    | 108-1 | 2.38    | 2.44    | 2.74    | 2.52       | 7.72    | ppb   |
| Calcium    | 43-1  | 8208.44 | 7982.92 | 8110.11 | 8100.49    | 1.40    | ppb   |
| Calcium    | 44-1  | 9315.92 | 9250.07 | 9363.17 | 9309.72    | 0.61    | ppb   |
| Chromium   | 52-2  | 0.15    | 0.14    | 0.16    | 0.15       | 5.49    | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.27    | 0.27    | 0.27       | 1.06    | ppb   |
| Copper     | 63-2  | 192.69  | 192.51  | 193.15  | 192.78     | 0.17    | 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  | 70.34   | 72.38   | 71.97   | 71.56      | 1.50    | ppb   |
| Iron       | 57-2  | 81.02   | 81.51   | 77.17   | 79.90      | 2.97    | ppb   |
| Lead       | 206-1 | 5.87    | 5.94    | 5.88    | 5.89       | 0.66    | ppb   |
| Lead       | 207-1 | 5.36    | 5.55    | 5.54    | 5.48       | 1.95    | ppb   |
| Lead       | 208-1 | 5.68    | 5.74    | 5.71    | 5.71       | 0.56    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1387.53 | 1403.72 | 1421.23 | 1404.16    | 1.20    | ppb   |
| Manganese  | 55-2  | 52.58   | 52.18   | 52.76   | 52.51      | 0.56    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:55:56   | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.04     | 0.04     | 0.02     | 0.03       | 29.74   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.02     | 0.03     | 0.02       | 7.06    | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.03     | 0.02     | 0.03       | 28.51   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.02     | 0.02     | 0.03       | 26.09   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 8.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 68.59    | 69.42    | 69.82    | 69.28      | 0.90    | ppb   |
| Phosphorus | 31-2  | 546.61   | 511.11   | 559.21   | 538.98     | 4.63    | ppb   |
| Potassium  | 39-2  | 1104.31  | 1103.22  | 1116.10  | 1107.88    | 0.64    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.15     | 0.15     | 0.07       | 198.53  | ppb   |
| Selenium   | 78-2  | -0.09    | 0.05     | -0.35    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.86     | 0.73     | 1.07     | 0.89       | 19.29   | ppb   |
| Silicon    | 28-1  | 896.74   | 887.43   | 903.15   | 895.77     | 0.88    | ppb   |
| Silver     | 109-1 | 0.21     | 0.22     | 0.30     | 0.24       | 19.56   | ppb   |
| Silver     | 107-1 | 0.19     | 0.25     | 0.30     | 0.25       | 21.67   | ppb   |
| Sodium     | 23-2  | 11712.97 | 11715.00 | 11682.86 | 11703.61   | 0.15    | ppb   |
| Strontium  | 86-1  | 22.13    | 22.09    | 21.93    | 22.05      | 0.49    | ppb   |
| Strontium  | 88-1  | 21.85    | 21.98    | 21.96    | 21.93      | 0.31    | ppb   |
| Sulfur     | 34-1  | -1194.79 | -1194.80 | -1040.33 | -1143.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.15     | 0.17     | 0.18     | 0.17       | 11.66   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.16     | 0.16     | 0.16       | 4.36    | ppb   |
| Tin        | 118-1 | 59.14    | 58.88    | 59.75    | 59.26      | 0.76    | ppb   |
| Titanium   | 47-1  | 0.72     | 0.79     | 0.84     | 0.78       | 7.53    | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.90    | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.14     | 0.16     | 0.14       | 14.43   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11273.66 | 11173.53 | 11430.92 | 11292.70   | 1.15    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 14.08   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:55:56   | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.04    | 0.04       | 14.63   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21DUP Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:59:20 DataFile Name : 113SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 50.63   | 48.99   | 48.39   | 49.34      | 2.35    | ppb   |
| Antimony   | 121-1 | 0.70    | 0.71    | 0.68    | 0.70       | 2.31    | ppb   |
| Arsenic    | 75-2  | 1.05    | 0.95    | 0.99    | 1.00       | 4.94    | ppb   |
| Barium     | 135-1 | 24.18   | 23.83   | 24.12   | 24.04      | 0.78    | ppb   |
| Barium     | 137-1 | 23.99   | 23.38   | 24.17   | 23.85      | 1.76    | ppb   |
| Beryllium  | 9-1   | 0.03    | -0.01   | 0.01    | 0.01       | 198.86  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 8.48    | 8.13    | 9.53    | 8.71       | 8.34    | ppb   |
| Boron      | 11-1  | 8.28    | 8.18    | 8.56    | 8.34       | 2.40    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.18   | -0.10   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -8.80   | -9.23   | -8.60   | -8.88      |         | ppb   |
| Cadmium    | 108-1 | 2.39    | 2.64    | 2.68    | 2.57       | 6.24    | ppb   |
| Calcium    | 43-1  | 8205.14 | 8192.60 | 8218.74 | 8205.49    | 0.16    | ppb   |
| Calcium    | 44-1  | 9422.34 | 9319.36 | 9384.81 | 9375.51    | 0.56    | ppb   |
| Chromium   | 52-2  | 0.12    | 0.16    | 0.12    | 0.13       | 17.46   | ppb   |
| Cobalt     | 59-2  | 0.27    | 0.28    | 0.27    | 0.27       | 2.60    | ppb   |
| Copper     | 63-2  | 194.76  | 193.32  | 195.29  | 194.46     | 0.52    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 70.80   | 69.85   | 69.94   | 70.20      | 0.74    | ppb   |
| Iron       | 57-2  | 75.52   | 79.16   | 72.79   | 75.82      | 4.22    | ppb   |
| Lead       | 206-1 | 5.69    | 5.69    | 5.84    | 5.74       | 1.50    | ppb   |
| Lead       | 207-1 | 5.35    | 5.29    | 5.37    | 5.34       | 0.72    | ppb   |
| Lead       | 208-1 | 5.58    | 5.52    | 5.63    | 5.57       | 0.95    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1386.14 | 1394.86 | 1392.14 | 1391.04    | 0.32    | ppb   |
| Manganese  | 55-2  | 52.80   | 52.35   | 52.43   | 52.53      | 0.46    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21DUP           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:59:20   | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03     | 0.03     | 0.04     | 0.03       | 20.60   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.03     | 0.03       | 32.70   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.04     | 0.02     | 0.03       | 26.52   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.02     | 0.03       | 19.91   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.03     | 0.03       | 1.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 70.19    | 70.00    | 69.97    | 70.06      | 0.17    | ppb   |
| Phosphorus | 31-2  | 492.55   | 499.24   | 536.61   | 509.47     | 4.66    | ppb   |
| Potassium  | 39-2  | 1119.27  | 1107.56  | 1106.68  | 1111.17    | 0.63    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.41     | 0.91     | 0.41     | 0.58       | 49.46   | ppb   |
| Selenium   | 78-2  | 0.33     | -0.35    | 0.12     | 0.03       | 1052.72 | ppb   |
| Selenium   | 82-1  | 0.86     | 0.57     | 0.36     | 0.59       | 41.91   | ppb   |
| Silicon    | 28-1  | 886.59   | 908.20   | 914.88   | 903.22     | 1.64    | ppb   |
| Silver     | 109-1 | 0.42     | 0.45     | 0.48     | 0.45       | 6.66    | ppb   |
| Silver     | 107-1 | 0.39     | 0.42     | 0.48     | 0.43       | 11.14   | ppb   |
| Sodium     | 23-2  | 11497.34 | 11576.32 | 11652.06 | 11575.24   | 0.67    | ppb   |
| Strontium  | 86-1  | 21.91    | 22.20    | 22.21    | 22.11      | 0.78    | ppb   |
| Strontium  | 88-1  | 22.08    | 22.06    | 21.87    | 22.00      | 0.54    | ppb   |
| Sulfur     | 34-1  | -791.42  | -650.55  | -684.13  | -708.70    |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.12     | 0.14     | 0.12     | 0.13       | 6.06    | ppb   |
| Thallium   | 205-1 | 0.12     | 0.14     | 0.13     | 0.13       | 5.16    | ppb   |
| Tin        | 118-1 | 60.50    | 60.54    | 61.37    | 60.80      | 0.81    | ppb   |
| Titanium   | 47-1  | 0.65     | 0.81     | 0.66     | 0.70       | 12.56   | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 7.54    | ppb   |
| Vanadium   | 51-2  | 0.15     | 0.14     | 0.18     | 0.16       | 14.07   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11246.53 | 11229.04 | 11374.67 | 11283.41   | 0.70    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.03     | 0.03     | 0.03       | 6.93    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21DUP           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:59:20   | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.07    | 0.03    | 0.04       | 54.58   | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21LX5 Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 5  
 Date & Time Acquired :: 2017-08-14 22:02:44 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 12.00   | 10.11   | 9.88    | 10.66      | 10.92   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.15    | 0.14    | 0.14       | 9.55    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.17    | 0.21    | 0.17       | 18.11   | ppb   |
| Barium     | 135-1 | 4.88    | 4.69    | 4.85    | 4.81       | 2.16    | ppb   |
| Barium     | 137-1 | 4.62    | 4.67    | 4.73    | 4.67       | 1.16    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 2.11    | 1.48    | 1.75    | 1.78       | 17.58   | ppb   |
| Boron      | 11-1  | 2.11    | 1.80    | 2.33    | 2.08       | 12.69   | ppb   |
| Cadmium    | 111-1 | -0.62   | -0.65   | -0.70   | -0.66      |         | ppb   |
| Cadmium    | 106-1 | -9.95   | -9.98   | -10.77  | -10.23     |         | ppb   |
| Cadmium    | 108-1 | 0.48    | 0.41    | 0.42    | 0.43       | 8.63    | ppb   |
| Calcium    | 43-1  | 1601.77 | 1625.56 | 1590.62 | 1605.98    | 1.11    | ppb   |
| Calcium    | 44-1  | 1610.74 | 1632.35 | 1612.11 | 1618.40    | 0.75    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.10    | 0.11    | 0.10       | 4.57    | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.05    | 0.05    | 0.05       | 17.39   | ppb   |
| Copper     | 63-2  | 39.08   | 38.52   | 38.73   | 38.77      | 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  | 14.48   | 14.20   | 14.23   | 14.30      | 1.07    | ppb   |
| Iron       | 57-2  | 14.57   | 15.76   | 25.97   | 18.77      | 33.38   | ppb   |
| Lead       | 206-1 | 1.19    | 1.15    | 1.16    | 1.17       | 2.08    | ppb   |
| Lead       | 207-1 | 1.05    | 1.07    | 1.06    | 1.06       | 0.81    | ppb   |
| Lead       | 208-1 | 1.12    | 1.13    | 1.11    | 1.12       | 1.08    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 280.56  | 272.66  | 279.90  | 277.71     | 1.58    | ppb   |
| Manganese  | 55-2  | 10.58   | 10.44   | 10.47   | 10.50      | 0.69    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21LX5           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-14 22:02:44   | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.00     | 0.00       | 278.17  | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | 0.00     | 0.00       | 276.45  | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 14.62    | 14.05    | 14.20    | 14.29      | 2.07    | ppb   |
| Phosphorus | 31-2  | 72.75    | 84.23    | 81.24    | 79.41      | 7.50    | ppb   |
| Potassium  | 39-2  | 229.33   | 219.56   | 229.11   | 226.00     | 2.47    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.16     | 0.16     | -0.09    | 0.08       | 189.03  | ppb   |
| Selenium   | 78-2  | 0.29     | -0.05    | 0.16     | 0.13       | 132.50  | ppb   |
| Selenium   | 82-1  | 0.87     | 0.66     | 0.84     | 0.79       | 14.44   | ppb   |
| Silicon    | 28-1  | 157.24   | 156.16   | 157.52   | 156.98     | 0.46    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.13     | 0.14       | 3.94    | ppb   |
| Silver     | 107-1 | 0.13     | 0.14     | 0.13     | 0.14       | 5.79    | ppb   |
| Sodium     | 23-2  | 2045.37  | 2011.88  | 2024.60  | 2027.28    | 0.83    | ppb   |
| Strontium  | 86-1  | 4.24     | 4.32     | 4.41     | 4.32       | 2.00    | ppb   |
| Strontium  | 88-1  | 4.35     | 4.39     | 4.37     | 4.37       | 0.51    | ppb   |
| Sulfur     | 34-1  | -1643.37 | -1653.14 | -1727.82 | -1674.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.04     | 0.03     | 0.03     | 0.03       | 15.93   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 9.19    | ppb   |
| Tin        | 118-1 | 11.76    | 11.73    | 11.75    | 11.74      | 0.14    | ppb   |
| Titanium   | 47-1  | 0.16     | 0.11     | 0.15     | 0.14       | 19.38   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01     | 0.01       | 19.30   | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.03     | 0.02     | 0.03       | 14.61   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 1923.61  | 1897.09  | 1916.76  | 1912.49    | 0.72    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21LX5           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-14 22:02:44   | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 107.45  | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21MS Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:06:10 DataFile Name : 115SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1922.98  | 1927.64  | 1878.97  | 1909.87    | 1.41    | ppb   |
| Antimony   | 121-1 | 790.84   | 803.53   | 795.28   | 796.55     | 0.81    | ppb   |
| Arsenic    | 75-2  | 832.66   | 833.67   | 832.97   | 833.10     | 0.06    | ppb   |
| Barium     | 135-1 | 204.62   | 207.41   | 205.69   | 205.91     | 0.68    | ppb   |
| Barium     | 137-1 | 205.80   | 206.23   | 205.42   | 205.82     | 0.20    | ppb   |
| Beryllium  | 9-1   | 225.81   | 218.75   | 221.56   | 222.04     | 1.60    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 341.90   | 334.34   | 341.29   | 339.18     | 1.24    | ppb   |
| Boron      | 11-1  | 349.70   | 345.09   | 342.51   | 345.77     | 1.05    | ppb   |
| Cadmium    | 111-1 | 187.57   | 186.11   | 184.12   | 185.94     | 0.93    | ppb   |
| Cadmium    | 106-1 | 143.51   | 145.13   | 141.86   | 143.50     | 1.14    | ppb   |
| Cadmium    | 108-1 | 169.67   | 170.32   | 175.81   | 171.93     | 1.96    | ppb   |
| Calcium    | 43-1  | 9064.72  | 9120.65  | 9130.03  | 9105.13    | 0.39    | ppb   |
| Calcium    | 44-1  | 10305.73 | 10385.22 | 10355.76 | 10348.90   | 0.39    | ppb   |
| Chromium   | 52-2  | 426.20   | 428.88   | 423.93   | 426.34     | 0.58    | ppb   |
| Cobalt     | 59-2  | 215.70   | 219.97   | 217.09   | 217.59     | 1.00    | ppb   |
| Copper     | 63-2  | 519.51   | 523.87   | 526.63   | 523.34     | 0.69    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 3840.83  | 3830.32  | 3780.32  | 3817.16    | 0.85    | ppb   |
| Iron       | 57-2  | 3254.16  | 3293.06  | 3234.81  | 3260.68    | 0.91    | ppb   |
| Lead       | 206-1 | 1054.15  | 1065.39  | 1067.98  | 1062.51    | 0.69    | ppb   |
| Lead       | 207-1 | 1031.60  | 1035.63  | 1046.89  | 1038.04    | 0.76    | ppb   |
| Lead       | 208-1 | 1046.15  | 1047.64  | 1051.76  | 1048.52    | 0.28    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 3481.06  | 3448.39  | 3421.67  | 3450.37    | 0.86    | ppb   |
| Manganese  | 55-2  | 265.33   | 267.42   | 265.57   | 266.11     | 0.43    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MS            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:06:10   | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 102.18   | 102.82   | 102.43   | 102.47     | 0.31    | ppb   |
| Molybdenum | 95-1  | 337.78   | 337.37   | 338.73   | 337.96     | 0.21    | ppb   |
| Molybdenum | 96-1  | 279.65   | 281.08   | 280.90   | 280.54     | 0.28    | ppb   |
| Molybdenum | 97-1  | 342.66   | 343.22   | 342.36   | 342.75     | 0.13    | ppb   |
| Molybdenum | 98-1  | 334.08   | 337.11   | 334.61   | 335.26     | 0.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 613.25   | 622.87   | 619.67   | 618.59     | 0.79    | ppb   |
| Phosphorus | 31-2  | 6698.83  | 6631.36  | 6611.04  | 6647.08    | 0.69    | ppb   |
| Potassium  | 39-2  | 11237.10 | 11122.56 | 11160.62 | 11173.43   | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 2198.68  | 2194.93  | 2180.91  | 2191.51    | 0.43    | ppb   |
| Selenium   | 78-2  | 2203.95  | 2190.84  | 2151.65  | 2182.15    | 1.25    | ppb   |
| Selenium   | 82-1  | 1880.89  | 1882.93  | 1880.01  | 1881.28    | 0.08    | ppb   |
| Silicon    | 28-1  | 1721.09  | 1804.13  | 1736.20  | 1753.81    | 2.52    | ppb   |
| Silver     | 109-1 | 68.42    | 69.83    | 69.10    | 69.12      | 1.02    | ppb   |
| Silver     | 107-1 | 67.99    | 68.93    | 68.94    | 68.62      | 0.80    | ppb   |
| Sodium     | 23-2  | 15180.33 | 15140.21 | 15065.92 | 15128.82   | 0.38    | ppb   |
| Strontium  | 86-1  | 197.15   | 197.77   | 197.16   | 197.36     | 0.18    | ppb   |
| Strontium  | 88-1  | 226.29   | 226.73   | 226.06   | 226.36     | 0.15    | ppb   |
| Sulfur     | 34-1  | -1417.75 | -1445.25 | -1650.79 | -1504.60   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 2082.16  | 2112.67  | 2125.62  | 2106.82    | 1.06    | ppb   |
| Thallium   | 205-1 | 2088.48  | 2097.40  | 2134.34  | 2106.74    | 1.15    | ppb   |
| Tin        | 118-1 | 783.00   | 782.74   | 774.96   | 780.24     | 0.59    | ppb   |
| Titanium   | 47-1  | 177.39   | 176.62   | 178.59   | 177.53     | 0.56    | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 1.03    | ppb   |
| Vanadium   | 51-2  | 316.33   | 319.78   | 317.58   | 317.90     | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11256.63 | 11340.76 | 11282.88 | 11293.42   | 0.38    | ppb   |
| Zirconium  | 90-1  | 0.22     | 0.19     | 0.19     | 0.20       | 6.94    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MS            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:06:10   | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.39    | 0.39    | 0.40    | 0.39       | 0.48    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MSD           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:09:31   | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1922.31  | 1908.05  | 1886.77  | 1905.71    | 0.94    | ppb   |
| Antimony   | 121-1 | 787.85   | 794.74   | 802.18   | 794.92     | 0.90    | ppb   |
| Arsenic    | 75-2  | 832.47   | 830.26   | 836.82   | 833.18     | 0.40    | ppb   |
| Barium     | 135-1 | 201.72   | 207.00   | 206.92   | 205.21     | 1.47    | ppb   |
| Barium     | 137-1 | 201.99   | 204.52   | 205.15   | 203.89     | 0.82    | ppb   |
| Beryllium  | 9-1   | 218.63   | 218.86   | 218.39   | 218.63     | 0.11    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 338.99   | 346.85   | 340.66   | 342.17     | 1.21    | ppb   |
| Boron      | 11-1  | 349.22   | 352.05   | 347.10   | 349.45     | 0.71    | ppb   |
| Cadmium    | 111-1 | 180.96   | 183.71   | 182.51   | 182.39     | 0.76    | ppb   |
| Cadmium    | 106-1 | 142.09   | 147.66   | 145.30   | 145.02     | 1.93    | ppb   |
| Cadmium    | 108-1 | 170.69   | 168.41   | 168.92   | 169.34     | 0.71    | ppb   |
| Calcium    | 43-1  | 9063.58  | 9024.25  | 9102.28  | 9063.37    | 0.43    | ppb   |
| Calcium    | 44-1  | 10293.87 | 10391.15 | 10407.71 | 10364.24   | 0.59    | ppb   |
| Chromium   | 52-2  | 426.36   | 426.49   | 428.59   | 427.15     | 0.29    | ppb   |
| Cobalt     | 59-2  | 217.60   | 218.64   | 219.80   | 218.68     | 0.50    | ppb   |
| Copper     | 63-2  | 546.21   | 547.60   | 549.51   | 547.77     | 0.30    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 3792.11  | 3800.72  | 3799.62  | 3797.48    | 0.12    | ppb   |
| Iron       | 57-2  | 3275.27  | 3263.06  | 3251.75  | 3263.36    | 0.36    | ppb   |
| Lead       | 206-1 | 1052.39  | 1061.29  | 1058.48  | 1057.39    | 0.43    | ppb   |
| Lead       | 207-1 | 1019.94  | 1043.15  | 1036.05  | 1033.05    | 1.15    | ppb   |
| Lead       | 208-1 | 1032.72  | 1043.93  | 1041.32  | 1039.33    | 0.56    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 3451.92  | 3453.04  | 3440.60  | 3448.52    | 0.20    | ppb   |
| Manganese  | 55-2  | 264.75   | 265.02   | 265.27   | 265.01     | 0.10    | ppb   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MSD           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:09:31   | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 102.13   | 102.82   | 103.03   | 102.66     | 0.46    | ppb   |
| Molybdenum | 95-1  | 335.51   | 337.56   | 338.70   | 337.25     | 0.48    | ppb   |
| Molybdenum | 96-1  | 276.56   | 282.21   | 282.40   | 280.39     | 1.18    | ppb   |
| Molybdenum | 97-1  | 339.10   | 346.20   | 345.45   | 343.58     | 1.14    | ppb   |
| Molybdenum | 98-1  | 332.40   | 336.42   | 340.24   | 336.35     | 1.16    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 620.72   | 624.21   | 624.99   | 623.31     | 0.36    | ppb   |
| Phosphorus | 31-2  | 6551.01  | 6494.42  | 6560.08  | 6535.17    | 0.54    | ppb   |
| Potassium  | 39-2  | 11192.07 | 11122.96 | 11190.95 | 11168.66   | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 2198.42  | 2141.19  | 2166.87  | 2168.83    | 1.32    | ppb   |
| Selenium   | 78-2  | 2126.74  | 2147.92  | 2165.55  | 2146.74    | 0.91    | ppb   |
| Selenium   | 82-1  | 1837.16  | 1835.74  | 1855.92  | 1842.94    | 0.61    | ppb   |
| Silicon    | 28-1  | 1696.99  | 1712.63  | 1723.35  | 1710.99    | 0.77    | ppb   |
| Silver     | 109-1 | 67.74    | 68.13    | 68.07    | 67.98      | 0.31    | ppb   |
| Silver     | 107-1 | 67.52    | 68.04    | 69.18    | 68.25      | 1.25    | ppb   |
| Sodium     | 23-2  | 15194.53 | 15392.49 | 15305.77 | 15297.59   | 0.65    | ppb   |
| Strontium  | 86-1  | 194.82   | 194.63   | 197.01   | 195.49     | 0.68    | ppb   |
| Strontium  | 88-1  | 224.76   | 223.52   | 225.32   | 224.53     | 0.41    | ppb   |
| Sulfur     | 34-1  | -2169.10 | -2159.82 | -2075.56 | -2134.83   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 2075.29  | 2096.16  | 2097.87  | 2089.78    | 0.60    | ppb   |
| Thallium   | 205-1 | 2088.51  | 2092.48  | 2090.45  | 2090.48    | 0.09    | ppb   |
| Tin        | 118-1 | 765.34   | 779.59   | 781.48   | 775.47     | 1.14    | ppb   |
| Titanium   | 47-1  | 172.48   | 176.51   | 177.57   | 175.52     | 1.53    | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 2.59    | ppb   |
| Vanadium   | 51-2  | 319.01   | 317.50   | 320.50   | 319.01     | 0.47    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11389.44 | 11363.83 | 11371.34 | 11374.87   | 0.12    | ppb   |
| Zirconium  | 90-1  | 0.17     | 0.14     | 0.13     | 0.15       | 12.94   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MSD           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:09:31   | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.35    | 0.33    | 0.34    | 0.34       | 2.92    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21A             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:12:52   | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1933.78  | 1951.30  | 1963.75  | 1949.61    | 0.77    | ppb   |
| Antimony   | 121-1 | 795.83   | 798.88   | 796.70   | 797.13     | 0.20    | ppb   |
| Arsenic    | 75-2  | 845.45   | 843.20   | 846.94   | 845.19     | 0.22    | ppb   |
| Barium     | 135-1 | 204.95   | 206.32   | 205.29   | 205.52     | 0.34    | ppb   |
| Barium     | 137-1 | 205.12   | 205.13   | 205.61   | 205.29     | 0.14    | ppb   |
| Beryllium  | 9-1   | 222.27   | 225.23   | 221.39   | 222.97     | 0.90    | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 352.99   | 352.82   | 369.02   | 358.28     | 2.60    | ppb   |
| Boron      | 11-1  | 358.29   | 360.98   | 362.99   | 360.76     | 0.65    | ppb   |
| Cadmium    | 111-1 | 184.13   | 184.43   | 186.24   | 184.93     | 0.62    | ppb   |
| Cadmium    | 106-1 | 143.69   | 142.90   | 144.33   | 143.64     | 0.50    | ppb   |
| Cadmium    | 108-1 | 173.07   | 172.44   | 172.25   | 172.59     | 0.25    | ppb   |
| Calcium    | 43-1  | 9146.12  | 9039.07  | 9243.64  | 9142.95    | 1.12    | ppb   |
| Calcium    | 44-1  | 10403.57 | 10373.80 | 10569.87 | 10449.08   | 1.01    | ppb   |
| Chromium   | 52-2  | 433.61   | 434.47   | 433.02   | 433.70     | 0.17    | ppb   |
| Cobalt     | 59-2  | 222.54   | 222.63   | 221.23   | 222.14     | 0.35    | ppb   |
| Copper     | 63-2  | 546.34   | 541.55   | 541.61   | 543.16     | 0.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 3904.89  | 3844.03  | 3864.43  | 3871.12    | 0.80    | ppb   |
| Iron       | 57-2  | 3332.01  | 3287.28  | 3298.97  | 3306.08    | 0.70    | ppb   |
| Lead       | 206-1 | 1078.33  | 1070.72  | 1058.12  | 1069.06    | 0.95    | ppb   |
| Lead       | 207-1 | 1043.79  | 1052.78  | 1027.78  | 1041.45    | 1.22    | ppb   |
| Lead       | 208-1 | 1054.94  | 1054.21  | 1043.93  | 1051.03    | 0.59    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 3526.27  | 3547.90  | 3524.21  | 3532.80    | 0.37    | ppb   |
| Manganese  | 55-2  | 269.45   | 270.76   | 268.96   | 269.72     | 0.35    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21A             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:12:52   | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 105.32   | 106.36   | 104.95   | 105.54     | 0.69    | ppb   |
| Molybdenum | 95-1  | 345.12   | 347.90   | 343.28   | 345.43     | 0.67    | ppb   |
| Molybdenum | 96-1  | 286.43   | 287.96   | 286.64   | 287.01     | 0.29    | ppb   |
| Molybdenum | 97-1  | 350.49   | 350.16   | 351.39   | 350.68     | 0.18    | ppb   |
| Molybdenum | 98-1  | 341.35   | 342.07   | 346.04   | 343.15     | 0.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 632.99   | 629.10   | 628.06   | 630.05     | 0.41    | ppb   |
| Phosphorus | 31-2  | 6578.69  | 6669.55  | 6847.55  | 6698.60    | 2.04    | ppb   |
| Potassium  | 39-2  | 11230.24 | 11370.36 | 11341.95 | 11314.18   | 0.65    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 2203.44  | 2225.16  | 2219.13  | 2215.91    | 0.51    | ppb   |
| Selenium   | 78-2  | 2180.05  | 2166.27  | 2183.60  | 2176.64    | 0.42    | ppb   |
| Selenium   | 82-1  | 1890.14  | 1886.73  | 1896.46  | 1891.11    | 0.26    | ppb   |
| Silicon    | 28-1  | 1738.48  | 1720.14  | 1762.20  | 1740.28    | 1.21    | ppb   |
| Silver     | 109-1 | 68.92    | 68.88    | 69.01    | 68.93      | 0.10    | ppb   |
| Silver     | 107-1 | 68.53    | 68.63    | 68.93    | 68.70      | 0.31    | ppb   |
| Sodium     | 23-2  | 15522.98 | 15540.67 | 15477.92 | 15513.86   | 0.21    | ppb   |
| Strontium  | 86-1  | 200.42   | 199.40   | 200.19   | 200.00     | 0.27    | ppb   |
| Strontium  | 88-1  | 229.41   | 230.13   | 229.86   | 229.80     | 0.16    | ppb   |
| Sulfur     | 34-1  | -2189.80 | -2223.11 | -2078.43 | -2163.78   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 2121.95  | 2119.79  | 2121.73  | 2121.15    | 0.06    | ppb   |
| Thallium   | 205-1 | 2113.55  | 2108.79  | 2105.58  | 2109.31    | 0.19    | ppb   |
| Tin        | 118-1 | 776.18   | 778.31   | 783.37   | 779.29     | 0.47    | ppb   |
| Titanium   | 47-1  | 176.65   | 176.61   | 177.38   | 176.88     | 0.25    | ppb   |
| Uranium    | 238-1 | 0.06     | 0.06     | 0.06     | 0.06       | 7.72    | ppb   |
| Vanadium   | 51-2  | 323.07   | 324.55   | 322.78   | 323.46     | 0.29    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 11667.46 | 11550.43 | 11616.21 | 11611.36   | 0.51    | ppb   |
| Zirconium  | 90-1  | 0.14     | 0.14     | 0.15     | 0.14       | 5.54    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21A             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:12:52   | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.33    | 0.31    | 0.34    | 0.33       | 4.52    | ppb   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-21 Instrumnet Name : P7  
 Client Sample ID : DC14598-21-FL1-CL110- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:16:13 DataFile Name : 118SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 977.17   | 1000.43  | 980.26   | 985.95     | 1.28    | ppb   |
| Antimony   | 121-1 | 29.90    | 30.23    | 29.59    | 29.90      | 1.07    | ppb   |
| Arsenic    | 75-2  | 4.05     | 3.90     | 3.73     | 3.90       | 4.10    | ppb   |
| Barium     | 135-1 | 50.51    | 51.56    | 51.03    | 51.03      | 1.03    | ppb   |
| Barium     | 137-1 | 51.17    | 52.24    | 51.11    | 51.51      | 1.23    | ppb   |
| Beryllium  | 9-1   | 0.21     | 0.14     | 0.19     | 0.18       | 20.62   | ppb   |
| Bismuth    | 209-1 |          |          |          |            |         | %     |
| Bismuth    | 209-2 |          |          |          |            |         | %     |
| Boron      | 10-1  | 18.12    | 17.59    | 16.13    | 17.28      | 5.95    | ppb   |
| Boron      | 11-1  | 17.99    | 17.55    | 15.80    | 17.11      | 6.76    | ppb   |
| Cadmium    | 111-1 | 2.96     | 2.99     | 2.96     | 2.97       | 0.59    | ppb   |
| Cadmium    | 106-1 | -7.21    | -7.62    | -7.22    | -7.35      |         | ppb   |
| Cadmium    | 108-1 | 4.96     | 5.07     | 4.66     | 4.90       | 4.34    | ppb   |
| Calcium    | 43-1  | 5031.37  | 5155.46  | 5046.50  | 5077.78    | 1.33    | ppb   |
| Calcium    | 44-1  | 5142.92  | 5115.14  | 5065.77  | 5107.94    | 0.77    | ppb   |
| Chromium   | 52-2  | 2.03     | 2.10     | 2.12     | 2.08       | 2.36    | ppb   |
| Cobalt     | 59-2  | 3.72     | 3.71     | 3.62     | 3.69       | 1.46    | ppb   |
| Copper     | 63-2  | 62236.08 | 63232.26 | 62183.87 | 62550.73   | 0.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          |            |         | %     |
| Holmium    | 165-2 |          |          |          |            |         | %     |
| Indium     | 115-1 |          |          |          |            |         | %     |
| Indium     | 115-2 |          |          |          |            |         | %     |
| Iron       | 56-2  | 8406.31  | 8490.31  | 8381.39  | 8426.00    | 0.68    | ppb   |
| Iron       | 57-2  | 7161.66  | 7206.26  | 7151.18  | 7173.03    | 0.41    | ppb   |
| Lead       | 206-1 | 86.79    | 88.69    | 88.04    | 87.84      | 1.10    | ppb   |
| Lead       | 207-1 | 80.90    | 82.17    | 82.14    | 81.74      | 0.88    | ppb   |
| Lead       | 208-1 | 84.52    | 85.67    | 85.43    | 85.21      | 0.71    | ppb   |
| Lithium    | 6-1   |          |          |          |            |         | %     |
| Magnesium  | 24-2  | 1488.49  | 1491.03  | 1481.68  | 1487.07    | 0.33    | ppb   |
| Manganese  | 55-2  | 870.87   | 872.68   | 875.24   | 872.93     | 0.25    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-21-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:16:13   | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.46     | 0.45     | 0.40     | 0.44       | 6.98    | ppb   |
| Molybdenum | 95-1  | 0.56     | 0.56     | 0.47     | 0.53       | 9.25    | ppb   |
| Molybdenum | 96-1  | 0.61     | 0.56     | 0.54     | 0.57       | 5.68    | ppb   |
| Molybdenum | 97-1  | 0.52     | 0.50     | 0.57     | 0.53       | 6.48    | ppb   |
| Molybdenum | 98-1  | 0.56     | 0.56     | 0.53     | 0.55       | 2.98    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 685.57   | 692.49   | 684.17   | 687.41     | 0.65    | ppb   |
| Phosphorus | 31-2  | 4990.78  | 5213.25  | 5118.09  | 5107.37    | 2.19    | ppb   |
| Potassium  | 39-2  | 682.09   | 686.61   | 675.84   | 681.51     | 0.79    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 1.70     | 2.47     | 0.94     | 1.70       | 45.01   | ppb   |
| Selenium   | 78-2  | 0.43     | 0.59     | 0.64     | 0.55       | 20.40   | ppb   |
| Selenium   | 82-1  | 1.16     | 1.38     | 1.14     | 1.23       | 10.96   | ppb   |
| Silicon    | 28-1  | 2921.38  | 2944.03  | 2882.14  | 2915.85    | 1.07    | ppb   |
| Silver     | 109-1 | 0.37     | 0.40     | 0.42     | 0.40       | 5.78    | ppb   |
| Silver     | 107-1 | 0.38     | 0.39     | 0.44     | 0.40       | 8.34    | ppb   |
| Sodium     | 23-2  | 10214.14 | 10314.41 | 10221.77 | 10250.11   | 0.54    | ppb   |
| Strontium  | 86-1  | 17.66    | 17.74    | 17.76    | 17.72      | 0.30    | ppb   |
| Strontium  | 88-1  | 17.48    | 17.84    | 17.84    | 17.72      | 1.17    | ppb   |
| Sulfur     | 34-1  | -2144.82 | -2070.22 | -2103.35 | -2106.13   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.14     | 0.14     | 0.14     | 0.14       | 2.29    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.14     | 0.13     | 0.14       | 4.15    | ppb   |
| Tin        | 118-1 | 198.43   | 201.46   | 199.05   | 199.64     | 0.80    | ppb   |
| Titanium   | 47-1  | 31.47    | 32.24    | 32.55    | 32.09      | 1.73    | ppb   |
| Uranium    | 238-1 | 0.46     | 0.48     | 0.49     | 0.48       | 3.39    | ppb   |
| Vanadium   | 51-2  | 1.89     | 1.88     | 1.83     | 1.87       | 1.60    | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 7132.03  | 7169.05  | 7140.94  | 7147.34    | 0.27    | ppb   |
| Zirconium  | 90-1  | 0.39     | 0.39     | 0.40     | 0.39       | 1.43    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-21-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:16:13   | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.41    | 0.41    | 0.37    | 0.40       | 5.71    | ppb   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-22 Instrumnet Name : P7  
 Client Sample ID : DC14598-22-FL1-CL110- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:19:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 39.83   | 40.55   | 42.44   | 40.94      | 3.29    | ppb   |
| Antimony   | 121-1 | 1.04    | 1.06    | 1.04    | 1.05       | 1.07    | ppb   |
| Arsenic    | 75-2  | 0.51    | 0.49    | 0.54    | 0.52       | 5.37    | ppb   |
| Barium     | 135-1 | 14.78   | 14.46   | 14.22   | 14.49      | 1.93    | ppb   |
| Barium     | 137-1 | 14.36   | 14.52   | 14.15   | 14.35      | 1.28    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.07    | 0.03       | 131.71  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 11.83   | 12.09   | 11.05   | 11.66      | 4.61    | ppb   |
| Boron      | 11-1  | 12.25   | 13.33   | 11.62   | 12.40      | 6.99    | ppb   |
| Cadmium    | 111-1 | -0.76   | -0.77   | -0.84   | -0.79      |         | ppb   |
| Cadmium    | 106-1 | -11.23  | -11.31  | -12.24  | -11.59     |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.08    | 0.06    | 0.07       | 18.97   | ppb   |
| Calcium    | 43-1  | 4750.70 | 4855.60 | 4868.62 | 4824.97    | 1.34    | ppb   |
| Calcium    | 44-1  | 4862.99 | 4885.41 | 4890.06 | 4879.49    | 0.30    | ppb   |
| Chromium   | 52-2  | 0.19    | 0.23    | 0.25    | 0.22       | 11.93   | ppb   |
| Cobalt     | 59-2  | 0.11    | 0.10    | 0.11    | 0.11       | 5.98    | ppb   |
| Copper     | 63-2  | 1766.07 | 1780.24 | 1759.02 | 1768.44    | 0.61    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 308.68  | 310.02  | 308.88  | 309.19     | 0.23    | ppb   |
| Iron       | 57-2  | 307.64  | 306.43  | 304.20  | 306.09     | 0.57    | ppb   |
| Lead       | 206-1 | 3.20    | 3.18    | 3.19    | 3.19       | 0.46    | ppb   |
| Lead       | 207-1 | 2.94    | 2.93    | 2.93    | 2.93       | 0.28    | ppb   |
| Lead       | 208-1 | 3.05    | 3.05    | 3.05    | 3.05       | 0.15    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 1137.16 | 1135.05 | 1133.72 | 1135.31    | 0.15    | ppb   |
| Manganese  | 55-2  | 42.56   | 42.84   | 42.34   | 42.58      | 0.59    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-22-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:19:38   | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.08     | 0.09     | 0.09     | 0.09       | 6.29    | ppb   |
| Molybdenum | 95-1  | 0.20     | 0.21     | 0.21     | 0.21       | 3.15    | ppb   |
| Molybdenum | 96-1  | 0.16     | 0.20     | 0.18     | 0.18       | 9.74    | ppb   |
| Molybdenum | 97-1  | 0.18     | 0.19     | 0.20     | 0.19       | 7.08    | ppb   |
| Molybdenum | 98-1  | 0.22     | 0.20     | 0.21     | 0.21       | 5.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.67     | 10.13    | 9.82     | 9.87       | 2.36    | ppb   |
| Phosphorus | 31-2  | 732.81   | 800.55   | 734.94   | 756.10     | 5.09    | ppb   |
| Potassium  | 39-2  | 477.25   | 476.76   | 478.44   | 477.48     | 0.18    | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.17     | -0.09    | 0.69     | 0.25       | 156.21  | ppb   |
| Selenium   | 78-2  | 0.29     | 0.07     | 0.39     | 0.25       | 64.78   | ppb   |
| Selenium   | 82-1  | 1.24     | 0.69     | 0.51     | 0.81       | 46.84   | ppb   |
| Silicon    | 28-1  | 829.43   | 839.10   | 850.24   | 839.59     | 1.24    | ppb   |
| Silver     | 109-1 | 0.25     | 0.29     | 0.30     | 0.28       | 9.40    | ppb   |
| Silver     | 107-1 | 0.24     | 0.25     | 0.29     | 0.26       | 9.78    | ppb   |
| Sodium     | 23-2  | 10828.51 | 10954.22 | 10863.81 | 10882.18   | 0.60    | ppb   |
| Strontium  | 86-1  | 16.18    | 16.10    | 16.04    | 16.11      | 0.42    | ppb   |
| Strontium  | 88-1  | 15.91    | 15.82    | 15.80    | 15.85      | 0.38    | ppb   |
| Sulfur     | 34-1  | -1798.73 | -1744.99 | -1752.18 | -1765.30   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 15.46   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.36    | ppb   |
| Tin        | 118-1 | 5.74     | 5.67     | 5.67     | 5.69       | 0.77    | ppb   |
| Titanium   | 47-1  | 1.88     | 1.88     | 1.77     | 1.84       | 3.27    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.02     | 0.02       | 17.55   | ppb   |
| Vanadium   | 51-2  | 0.17     | 0.16     | 0.20     | 0.18       | 11.96   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 139.91   | 141.07   | 139.26   | 140.08     | 0.65    | ppb   |
| Zirconium  | 90-1  | 0.02     | 0.02     | 0.02     | 0.02       | 22.09   | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-22-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:19:38   | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 25.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.11    | -0.36   | 0.03    | -0.07      |         | ppb   |
| Antimony   | 121-1 | 0.31    | 0.33    | 0.32    | 0.32       | 3.86    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.06    | 0.06    | 0.05       | 25.06   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | 883.70  | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.03    | -0.01   | 0.01       | 169.23  | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 6.15    | 5.75    | 5.95    | 5.95       | 3.31    | ppb   |
| Boron      | 11-1  | 6.12    | 5.27    | 5.90    | 5.76       | 7.65    | ppb   |
| Cadmium    | 111-1 | -0.83   | -0.79   | -0.88   | -0.84      |         | ppb   |
| Cadmium    | 106-1 | -11.11  | -10.59  | -11.73  | -11.15     |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.05   | -0.05   | -0.01      |         | ppb   |
| Calcium    | 43-1  | -21.33  | -18.04  | -19.85  | -19.74     |         | ppb   |
| Calcium    | 44-1  | -30.64  | -29.97  | -30.75  | -30.46     |         | ppb   |
| Chromium   | 52-2  | 0.09    | 0.11    | 0.08    | 0.09       | 13.66   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 1.12    | 1.11    | 1.08    | 1.10       | 1.84    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | 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  | 0.62    | 0.48    | 0.55    | 0.55       | 13.38   | ppb   |
| Iron       | 57-2  | -0.63   | -0.48   | 0.22    | -0.30      |         | ppb   |
| Lead       | 206-1 | 426.67  | 421.08  | 425.46  | 424.40     | 0.69    | ppb   |
| Lead       | 207-1 | 425.06  | 419.38  | 422.58  | 422.34     | 0.67    | ppb   |
| Lead       | 208-1 | 466.56  | 460.57  | 464.68  | 463.94     | 0.66    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.02    | -0.27   | 0.14    | -0.04      |         | ppb   |
| Manganese  | 55-2  | 0.01    | 0.01    | 0.02    | 0.01       | 30.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.02     | 0.03     | 0.02     | 0.02       | 14.75   | ppb   |
| Molybdenum | 95-1  | 0.09     | 0.10     | 0.08     | 0.09       | 13.43   | ppb   |
| Molybdenum | 96-1  | 0.08     | 0.07     | 0.09     | 0.08       | 14.31   | ppb   |
| Molybdenum | 97-1  | 0.10     | 0.10     | 0.08     | 0.09       | 12.18   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.09     | 0.08     | 0.09       | 12.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.02     | 0.02     | 0.02     | 0.02       | 16.72   | ppb   |
| Phosphorus | 31-2  | -35.67   | -20.85   | -19.14   | -25.22     |         | ppb   |
| Potassium  | 39-2  | 5.81     | 0.82     | 3.66     | 3.43       | 72.93   | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | 0.96     | 0.43     | -0.09    | 0.43       | 121.35  | ppb   |
| Selenium   | 78-2  | -0.78    | -0.02    | 0.42     | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.55     | 0.52     | 0.39     | 0.49       | 17.00   | ppb   |
| Silicon    | 28-1  | -19.23   | -19.37   | -18.44   | -19.01     |         | ppb   |
| Silver     | 109-1 | 0.08     | 0.08     | 0.07     | 0.08       | 7.06    | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.07     | 0.07       | 4.83    | ppb   |
| Sodium     | 23-2  | 21.17    | 20.53    | 19.94    | 20.55      | 3.00    | ppb   |
| Strontium  | 86-1  | -0.03    | -0.07    | -0.05    | -0.05      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2565.69 | -2524.03 | -2557.06 | -2548.92   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.30    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 23.74   | ppb   |
| Tin        | 118-1 | 0.36     | 0.37     | 0.29     | 0.34       | 12.57   | ppb   |
| Titanium   | 47-1  | -0.04    | 0.03     | -0.04    | -0.02      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01     | 0.00     | 0.01       | 47.33   | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.73     | 0.71     | 0.67     | 0.70       | 3.91    | ppb   |
| Zirconium  | 90-1  | -0.01    | -0.01    | -0.02    | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.48   | -0.20   | -0.32   | -0.33      |         | ppb   |
| Antimony   | 121-1 | 0.21    | 0.21    | 0.21    | 0.21       | 1.96    | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.05    | 0.09    | 0.06       | 34.41   | ppb   |
| Barium     | 135-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 40.17   | ppb   |
| Bismuth    | 209-1 |         |         |         |            |         | %     |
| Bismuth    | 209-2 |         |         |         |            |         | %     |
| Boron      | 10-1  | 4.04    | 3.57    | 3.76    | 3.79       | 6.25    | ppb   |
| Boron      | 11-1  | 3.98    | 3.50    | 3.78    | 3.75       | 6.48    | ppb   |
| Cadmium    | 111-1 | -0.80   | -0.86   | -0.84   | -0.83      |         | ppb   |
| Cadmium    | 106-1 | -10.61  | -11.41  | -11.10  | -11.04     |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | 0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | -28.77  | -24.39  | -26.40  | -26.52     |         | ppb   |
| Calcium    | 44-1  | -34.19  | -34.98  | -34.90  | -34.69     |         | ppb   |
| Chromium   | 52-2  | 0.06    | 0.05    | 0.08    | 0.07       | 25.75   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.72    | 0.69    | 0.67    | 0.69       | 3.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         |            |         | %     |
| Holmium    | 165-2 |         |         |         |            |         | %     |
| Indium     | 115-1 |         |         |         |            |         | %     |
| Indium     | 115-2 |         |         |         |            |         | %     |
| Iron       | 56-2  | 0.26    | 0.31    | 0.30    | 0.29       | 8.91    | ppb   |
| Iron       | 57-2  | -0.36   | -0.75   | 0.30    | -0.27      |         | ppb   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.15    | 0.15       | 4.90    | ppb   |
| Lead       | 207-1 | 0.14    | 0.14    | 0.13    | 0.14       | 5.73    | ppb   |
| Lead       | 208-1 | 0.14    | 0.15    | 0.15    | 0.15       | 1.75    | ppb   |
| Lithium    | 6-1   |         |         |         |            |         | %     |
| Magnesium  | 24-2  | 0.17    | -0.07   | -0.02   | 0.03       | 467.19  | ppb   |
| Manganese  | 55-2  | 0.02    | 0.00    | 0.00    | 0.01       | 169.87  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.02     | 0.02       | 2.99    | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.07     | 0.05     | 0.06       | 18.82   | ppb   |
| Molybdenum | 96-1  | 0.06     | 0.04     | 0.05     | 0.05       | 18.05   | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.05     | 0.06     | 0.05       | 15.43   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.07     | 0.06     | 0.06       | 19.49   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -26.11   | -16.31   | -19.35   | -20.59     |         | ppb   |
| Potassium  | 39-2  | 1.80     | -0.28    | -0.46    | 0.35       | 354.71  | ppb   |
| Rhodium    | 103-1 |          |          |          |            |         | %     |
| Rhodium    | 103-2 |          |          |          |            |         | %     |
| Scandium   | 45-1  |          |          |          |            |         | %     |
| Scandium   | 45-2  |          |          |          |            |         | %     |
| Selenium   | 77-2  | -0.09    | 0.43     | -0.09    | 0.08       | 370.75  | ppb   |
| Selenium   | 78-2  | 0.00     | 0.50     | -0.69    | -0.06      |         | ppb   |
| Selenium   | 82-1  | 0.64     | 0.72     | 0.86     | 0.74       | 14.88   | ppb   |
| Silicon    | 28-1  | -21.13   | -20.74   | -20.46   | -20.78     |         | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.04     | 0.04       | 5.76    | ppb   |
| Silver     | 107-1 | 0.04     | 0.04     | 0.03     | 0.04       | 7.68    | ppb   |
| Sodium     | 23-2  | 18.91    | 17.83    | 17.61    | 18.12      | 3.83    | ppb   |
| Strontium  | 86-1  | -0.07    | -0.03    | -0.08    | -0.06      |         | ppb   |
| Strontium  | 88-1  | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Sulfur     | 34-1  | -2403.48 | -2376.16 | -2390.58 | -2390.07   |         | ppb   |
| Terbium    | 159-1 |          |          |          |            |         | %     |
| Terbium    | 159-2 |          |          |          |            |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 34.20   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 2.76    | ppb   |
| Tin        | 118-1 | 0.15     | 0.15     | 0.14     | 0.15       | 4.47    | ppb   |
| Titanium   | 47-1  | -0.05    | -0.03    | -0.02    | -0.03      |         | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          |            |         | %     |
| Yttrium    | 89-2  |          |          |          |            |         | %     |
| Zinc       | 66-2  | 0.31     | 0.38     | 0.32     | 0.33       | 11.43   | ppb   |
| Zirconium  | 90-1  | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 183      | 225      | 158      | 189      | 17.83  | cps   |
| Antimony   | 121-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Arsenic    | 75-2  | 7        | 7        | 22       | 12       | 69.25  | cps   |
| Barium     | 135-1 | 58       | 67       | 8        | 44       | 70.99  | cps   |
| Barium     | 137-1 | 75       | 83       | 58       | 72       | 17.62  | cps   |
| Beryllium  | 9-1   | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Bismuth    | 209-1 | 7006254  | 6977161  | 7022513  | 7001976  | 0.33   | cps   |
| Bismuth    | 209-2 | 5850368  | 5904947  | 5887165  | 5880827  | 0.47   | cps   |
| Boron      | 10-1  | 50       | 67       | 92       | 69       | 30.20  | cps   |
| Boron      | 11-1  | 400      | 425      | 400      | 408      | 3.53   | cps   |
| Cadmium    | 111-1 | 4668     | 4814     | 4467     | 4650     | 3.74   | cps   |
| Cadmium    | 106-1 | 6685     | 6885     | 6377     | 6649     | 3.85   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 13       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 1517     | 1458     | 1458     | 1478     | 2.28   | cps   |
| Calcium    | 44-1  | 46115    | 45797    | 45714    | 45875    | 0.46   | cps   |
| Chromium   | 52-2  | 1957     | 2090     | 1780     | 1942     | 8.01   | cps   |
| Cobalt     | 59-2  | 93       | 60       | 67       | 73       | 24.06  | cps   |
| Copper     | 63-2  | 1517     | 1610     | 1453     | 1527     | 5.16   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 58       | 17       | 33       | 66.14  | cps   |
| Erbium     | 164-2 | 23       | 17       | 13       | 18       | 28.64  | cps   |
| Gadolinium | 160-1 | 225      | 283      | 250      | 253      | 11.58  | cps   |
| Gadolinium | 160-2 | 187      | 143      | 187      | 172      | 14.53  | cps   |
| Holmium    | 165-1 | 10854151 | 10719039 | 10729689 | 10767626 | 0.70   | cps   |
| Holmium    | 165-2 | 6980968  | 7127802  | 7045639  | 7051470  | 1.04   | cps   |
| Indium     | 115-1 | 9172798  | 9126207  | 9122211  | 9140405  | 0.31   | cps   |
| Indium     | 115-2 | 2403042  | 2436416  | 2434467  | 2424642  | 0.77   | cps   |
| Iron       | 56-2  | 5868     | 5618     | 6085     | 5857     | 3.99   | cps   |
| Iron       | 57-2  | 328      | 478      | 389      | 398      | 18.94  | cps   |
| Lead       | 206-1 | 1256     | 1328     | 1328     | 1304     | 3.20   | cps   |
| Lead       | 207-1 | 1295     | 1272     | 1045     | 1204     | 11.50  | cps   |
| Lead       | 208-1 | 5351     | 5395     | 5234     | 5327     | 1.56   | cps   |
| Lithium    | 6-1   | 441995   | 441807   | 439320   | 441040   | 0.34   | cps   |
| Magnesium  | 24-2  | 133      | 242      | 267      | 214      | 33.14  | cps   |
| Manganese  | 55-2  | 73       | 60       | 87       | 73       | 18.18  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 217      | 283      | 253      | 13.32  | cps   |
| Molybdenum | 95-1  | 92       | 67       | 67       | 75       | 19.24  | cps   |
| Molybdenum | 96-1  | 117      | 108      | 167      | 131      | 24.17  | cps   |
| Molybdenum | 97-1  | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Molybdenum | 98-1  | 67       | 117      | 133      | 106      | 32.87  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 83       | 83       | 90       | 86       | 4.50   | cps   |
| Phosphorus | 31-2  | 375      | 383      | 433      | 397      | 7.94   | cps   |
| Potassium  | 39-2  | 48739    | 47535    | 49082    | 48452    | 1.68   | cps   |
| Rhodium    | 103-1 | 8640894  | 8572019  | 8641029  | 8617981  | 0.46   | cps   |
| Rhodium    | 103-2 | 5053366  | 5137184  | 5102492  | 5097681  | 0.83   | cps   |
| Scandium   | 45-1  | 4741465  | 4710663  | 4720232  | 4724120  | 0.33   | cps   |
| Scandium   | 45-2  | 305016   | 309947   | 310222   | 308395   | 0.95   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 98       | 115      | 113      | 109      | 8.41   | cps   |
| Selenium   | 82-1  | 50       | -15      | 71       | 35       | 125.98 | cps   |
| Silicon    | 28-1  | 269269   | 270471   | 265358   | 268366   | 1.00   | cps   |
| Silver     | 109-1 | 83       | 67       | 58       | 69       | 18.33  | cps   |
| Silver     | 107-1 | 150      | 183      | 133      | 156      | 16.37  | cps   |
| Sodium     | 23-2  | 18053    | 18612    | 18454    | 18373    | 1.57   | cps   |
| Strontium  | 86-1  | 992      | 983      | 933      | 970      | 3.25   | cps   |
| Strontium  | 88-1  | 825      | 708      | 767      | 767      | 7.61   | cps   |
| Sulfur     | 34-1  | 392726   | 393370   | 392194   | 392763   | 0.15   | cps   |
| Terbium    | 159-1 | 11341416 | 11345953 | 11186787 | 11291385 | 0.80   | cps   |
| Terbium    | 159-2 | 7098666  | 7180537  | 7180808  | 7153337  | 0.66   | cps   |
| Thallium   | 203-1 | 133      | 67       | 100      | 100      | 33.33  | cps   |
| Thallium   | 205-1 | 208      | 192      | 275      | 225      | 19.60  | cps   |
| Tin        | 118-1 | 1175     | 1250     | 1200     | 1208     | 3.16   | cps   |
| Titanium   | 47-1  | 150      | 158      | 233      | 181      | 25.42  | cps   |
| Uranium    | 238-1 | 183      | 108      | 133      | 142      | 26.96  | cps   |
| Vanadium   | 51-2  | 27       | 10       | 27       | 21       | 45.58  | cps   |
| Yttrium    | 89-1  | 9160236  | 9201588  | 9170383  | 9177402  | 0.23   | cps   |
| Yttrium    | 89-2  | 1756274  | 1769717  | 1773897  | 1766629  | 0.52   | cps   |
| Zinc       | 66-2  | 167      | 133      | 190      | 163      | 17.43  | cps   |
| Zirconium  | 90-1  | 817      | 758      | 867      | 814      | 6.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:28:42 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 133  | 150  | 131     | 16.06  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2842     | 2692     | 2584     | 2706     | 4.80   | cps   |
| Antimony   | 121-1 | 25307    | 24931    | 24355    | 24865    | 1.93   | cps   |
| Arsenic    | 75-2  | 583      | 550      | 587      | 573      | 3.56   | cps   |
| Barium     | 135-1 | 27912    | 29808    | 28948    | 28889    | 3.29   | cps   |
| Barium     | 137-1 | 47934    | 49154    | 48912    | 48667    | 1.33   | cps   |
| Beryllium  | 9-1   | 978      | 844      | 1056     | 959      | 11.13  | cps   |
| Bismuth    | 209-1 | 7562677  | 7599946  | 7512682  | 7558435  | 0.58   | cps   |
| Bismuth    | 209-2 | 5898423  | 5637729  | 5981665  | 5839272  | 3.07   | cps   |
| Boron      | 10-1  | 2875     | 2742     | 2592     | 2736     | 5.18   | cps   |
| Boron      | 11-1  | 15167    | 14658    | 14991    | 14938    | 1.73   | cps   |
| Cadmium    | 111-1 | 7897     | 7608     | 7887     | 7798     | 2.10   | cps   |
| Cadmium    | 106-1 | 7144     | 6819     | 7369     | 7110     | 3.89   | cps   |
| Cadmium    | 108-1 | 238      | 242      | 263      | 247      | 5.42   | cps   |
| Calcium    | 43-1  | 15075    | 15484    | 14850    | 15136    | 2.12   | cps   |
| Calcium    | 44-1  | 270440   | 268903   | 271724   | 270356   | 0.52   | cps   |
| Chromium   | 52-2  | 10851    | 10888    | 11521    | 11087    | 3.40   | cps   |
| Cobalt     | 59-2  | 7292     | 6925     | 7459     | 7225     | 3.78   | cps   |
| Copper     | 63-2  | 14017    | 17665    | 14848    | 15510    | 12.33  | cps   |
| Dysprosium | 156-1 | 8        | 8        | 8        | 8        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 17       | 67       | 44       | 57.28  | cps   |
| Erbium     | 164-2 | 43       | 43       | 47       | 44       | 4.34   | cps   |
| Gadolinium | 160-1 | 250      | 217      | 200      | 222      | 11.46  | cps   |
| Gadolinium | 160-2 | 187      | 217      | 213      | 206      | 8.00   | cps   |
| Holmium    | 165-1 | 11303503 | 11377641 | 11431374 | 11370839 | 0.56   | cps   |
| Holmium    | 165-2 | 7488653  | 7171618  | 7540040  | 7400104  | 2.70   | cps   |
| Indium     | 115-1 | 9425292  | 9583315  | 9474978  | 9494528  | 0.85   | cps   |
| Indium     | 115-2 | 2453917  | 2352271  | 2480327  | 2428838  | 2.78   | cps   |
| Iron       | 56-2  | 185851   | 179670   | 189613   | 185045   | 2.71   | cps   |
| Iron       | 57-2  | 4895     | 4656     | 4868     | 4806     | 2.72   | cps   |
| Lead       | 206-1 | 20004    | 19626    | 19804    | 19811    | 0.96   | cps   |
| Lead       | 207-1 | 17751    | 17417    | 17929    | 17699    | 1.47   | cps   |
| Lead       | 208-1 | 79984    | 79105    | 79845    | 79645    | 0.59   | cps   |
| Lithium    | 6-1   | 436511   | 442758   | 435185   | 438151   | 0.92   | cps   |
| Magnesium  | 24-2  | 141479   | 136060   | 142203   | 139914   | 2.40   | cps   |
| Manganese  | 55-2  | 2654     | 2474     | 2734     | 2620     | 5.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 22535    | 23504    | 22402    | 22814    | 2.64   | cps   |
| Molybdenum | 95-1  | 28237    | 27444    | 28688    | 28123    | 2.24   | cps   |
| Molybdenum | 96-1  | 31753    | 31753    | 31310    | 31605    | 0.81   | cps   |
| Molybdenum | 97-1  | 17278    | 17595    | 18438    | 17770    | 3.37   | cps   |
| Molybdenum | 98-1  | 45432    | 45156    | 44981    | 45190    | 0.50   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 2087     | 4478     | 2227     | 2931     | 45.79  | cps   |
| Phosphorus | 31-2  | 375      | 442      | 425      | 414      | 8.38   | cps   |
| Potassium  | 39-2  | 198243   | 193961   | 200056   | 197420   | 1.59   | cps   |
| Rhodium    | 103-1 | 8841352  | 8744689  | 8814984  | 8800342  | 0.57   | cps   |
| Rhodium    | 103-2 | 5149255  | 4996177  | 5210839  | 5118757  | 2.16   | cps   |
| Scandium   | 45-1  | 4750266  | 4790371  | 4779648  | 4773428  | 0.43   | cps   |
| Scandium   | 45-2  | 311678   | 298958   | 314855   | 308497   | 2.73   | cps   |
| Selenium   | 77-2  | 53       | 73       | 93       | 73       | 27.28  | cps   |
| Selenium   | 78-2  | 331      | 270      | 293      | 298      | 10.37  | cps   |
| Selenium   | 82-1  | 1151     | 1135     | 1113     | 1133     | 1.67   | cps   |
| Silicon    | 28-1  | 309597   | 315373   | 313161   | 312710   | 0.93   | cps   |
| Silver     | 109-1 | 18496    | 18947    | 19005    | 18816    | 1.48   | cps   |
| Silver     | 107-1 | 19464    | 20374    | 19464    | 19767    | 2.66   | cps   |
| Sodium     | 23-2  | 282091   | 275498   | 287863   | 281817   | 2.20   | cps   |
| Strontium  | 86-1  | 4676     | 4801     | 4768     | 4748     | 1.36   | cps   |
| Strontium  | 88-1  | 34050    | 33607    | 33198    | 33618    | 1.27   | cps   |
| Sulfur     | 34-1  | 393480   | 393335   | 395998   | 394271   | 0.38   | cps   |
| Terbium    | 159-1 | 11798849 | 11762898 | 11762987 | 11774911 | 0.18   | cps   |
| Terbium    | 159-2 | 7533194  | 7257233  | 7575122  | 7455183  | 2.32   | cps   |
| Thallium   | 203-1 | 12707    | 12314    | 12590    | 12537    | 1.61   | cps   |
| Thallium   | 205-1 | 29459    | 28448    | 28181    | 28696    | 2.35   | cps   |
| Tin        | 118-1 | 48402    | 47983    | 49087    | 48491    | 1.15   | cps   |
| Titanium   | 47-1  | 6577     | 6760     | 7219     | 6852     | 4.83   | cps   |
| Uranium    | 238-1 | 39912    | 39244    | 38700    | 39285    | 1.55   | cps   |
| Vanadium   | 51-2  | 17157    | 16139    | 17374    | 16890    | 3.90   | cps   |
| Yttrium    | 89-1  | 9319556  | 9397248  | 9404379  | 9373728  | 0.50   | cps   |
| Yttrium    | 89-2  | 1785257  | 1716497  | 1804225  | 1768660  | 2.61   | cps   |
| Zinc       | 66-2  | 1713     | 20230    | 3644     | 8529     | 119.34 | cps   |
| Zirconium  | 90-1  | 19214    | 19697    | 18863    | 19258    | 2.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:36:33 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3992 | 4193 | 4426 | 4204    | 5.16   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P7  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 15:40:19 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 143028   | 138017   | 139243   | 140096   | 1.86   | cps   |
| Antimony   | 121-1 | 679649   | 686532   | 692952   | 686377   | 0.97   | cps   |
| Arsenic    | 75-2  | 29450    | 28860    | 29407    | 29239    | 1.13   | cps   |
| Barium     | 135-1 | 796949   | 804380   | 795735   | 799021   | 0.59   | cps   |
| Barium     | 137-1 | 1383021  | 1387076  | 1390671  | 1386923  | 0.28   | cps   |
| Beryllium  | 9-1   | 54571    | 53935    | 56411    | 54972    | 2.34   | cps   |
| Bismuth    | 209-1 | 7751217  | 7711720  | 7769936  | 7744291  | 0.38   | cps   |
| Bismuth    | 209-2 | 5974454  | 6001934  | 5943568  | 5973319  | 0.49   | cps   |
| Boron      | 10-1  | 6968     | 6902     | 6352     | 6741     | 5.02   | cps   |
| Boron      | 11-1  | 35460    | 35016    | 33948    | 34808    | 2.23   | cps   |
| Cadmium    | 111-1 | 180724   | 179541   | 182911   | 181059   | 0.94   | cps   |
| Cadmium    | 106-1 | 24772    | 24931    | 25482    | 25062    | 1.49   | cps   |
| Cadmium    | 108-1 | 13052    | 12806    | 13219    | 13026    | 1.59   | cps   |
| Calcium    | 43-1  | 157606   | 156503   | 159638   | 157915   | 1.01   | cps   |
| Calcium    | 44-1  | 2598909  | 2575936  | 2605246  | 2593364  | 0.59   | cps   |
| Chromium   | 52-2  | 236067   | 237427   | 232708   | 235401   | 1.03   | cps   |
| Cobalt     | 59-2  | 397664   | 396813   | 393143   | 395874   | 0.61   | cps   |
| Copper     | 63-2  | 596265   | 592235   | 589031   | 592510   | 0.61   | cps   |
| Dysprosium | 156-1 | 67       | 17       | 17       | 33       | 86.59  | cps   |
| Dysprosium | 156-2 | 17       | 13       | 27       | 19       | 36.75  | cps   |
| Erbium     | 164-1 | 42       | 33       | 33       | 36       | 13.33  | cps   |
| Erbium     | 164-2 | 30       | 27       | 37       | 31       | 16.37  | cps   |
| Gadolinium | 160-1 | 192      | 233      | 217      | 214      | 9.80   | cps   |
| Gadolinium | 160-2 | 203      | 173      | 220      | 199      | 11.89  | cps   |
| Holmium    | 165-1 | 11552196 | 11629579 | 11612716 | 11598164 | 0.35   | cps   |
| Holmium    | 165-2 | 7585827  | 7642046  | 7483243  | 7570372  | 1.06   | cps   |
| Indium     | 115-1 | 9535420  | 9524599  | 9580223  | 9546748  | 0.31   | cps   |
| Indium     | 115-2 | 2457613  | 2428906  | 2453133  | 2446550  | 0.63   | cps   |
| Iron       | 56-2  | 10246221 | 10234631 | 10072116 | 10184322 | 0.96   | cps   |
| Iron       | 57-2  | 255517   | 254199   | 250227   | 253314   | 1.09   | cps   |
| Lead       | 206-1 | 525142   | 524417   | 522748   | 524102   | 0.23   | cps   |
| Lead       | 207-1 | 479328   | 477047   | 472410   | 476262   | 0.74   | cps   |
| Lead       | 208-1 | 2142594  | 2132470  | 2144815  | 2139960  | 0.31   | cps   |
| Lithium    | 6-1   | 443879   | 445344   | 447597   | 445607   | 0.42   | cps   |
| Magnesium  | 24-2  | 1608736  | 1598158  | 1592027  | 1599641  | 0.53   | cps   |
| Manganese  | 55-2  | 273711   | 271700   | 269421   | 271611   | 0.79   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:40:19 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592143   | 588856   | 596732   | 592577   | 0.67   | cps   |
| Molybdenum | 95-1  | 324889   | 322496   | 326237   | 324540   | 0.58   | cps   |
| Molybdenum | 96-1  | 410824   | 416265   | 415581   | 414223   | 0.72   | cps   |
| Molybdenum | 97-1  | 200500   | 199941   | 204359   | 201600   | 1.19   | cps   |
| Molybdenum | 98-1  | 518030   | 518199   | 522338   | 519523   | 0.47   | cps   |
| Neodymium  | 150-1 | 73       | 80       | 47       | 67       | 26.46  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 110597   | 108112   | 108424   | 109044   | 1.24   | cps   |
| Phosphorus | 31-2  | 9078     | 9237     | 9145     | 9153     | 0.87   | cps   |
| Potassium  | 39-2  | 889896   | 884150   | 891927   | 888658   | 0.45   | cps   |
| Rhodium    | 103-1 | 9003815  | 8924339  | 8889091  | 8939082  | 0.66   | cps   |
| Rhodium    | 103-2 | 5175354  | 5154288  | 5166423  | 5165355  | 0.20   | cps   |
| Scandium   | 45-1  | 4823791  | 4879412  | 4854709  | 4852638  | 0.57   | cps   |
| Scandium   | 45-2  | 313130   | 309987   | 307802   | 310306   | 0.86   | cps   |
| Selenium   | 77-2  | 613      | 593      | 640      | 616      | 3.80   | cps   |
| Selenium   | 78-2  | 2263     | 2295     | 2080     | 2213     | 5.24   | cps   |
| Selenium   | 82-1  | 10847    | 10702    | 11167    | 10905    | 2.18   | cps   |
| Silicon    | 28-1  | 597970   | 601162   | 598446   | 599193   | 0.29   | cps   |
| Silver     | 109-1 | 821368   | 816832   | 823852   | 820684   | 0.43   | cps   |
| Silver     | 107-1 | 863933   | 866960   | 860457   | 863783   | 0.38   | cps   |
| Sodium     | 23-2  | 2979984  | 2969954  | 2960129  | 2970022  | 0.33   | cps   |
| Strontium  | 86-1  | 207208   | 206818   | 206727   | 206918   | 0.12   | cps   |
| Strontium  | 88-1  | 1807534  | 1790250  | 1809314  | 1802366  | 0.58   | cps   |
| Sulfur     | 34-1  | 452227   | 449247   | 455365   | 452280   | 0.68   | cps   |
| Terbium    | 159-1 | 11994101 | 11981644 | 12085785 | 12020510 | 0.47   | cps   |
| Terbium    | 159-2 | 7559168  | 7495950  | 7456941  | 7504020  | 0.69   | cps   |
| Thallium   | 203-1 | 650335   | 646156   | 647701   | 648064   | 0.33   | cps   |
| Thallium   | 205-1 | 1526043  | 1533696  | 1527128  | 1528956  | 0.27   | cps   |
| Tin        | 118-1 | 545067   | 544696   | 550612   | 546792   | 0.61   | cps   |
| Titanium   | 47-1  | 79431    | 80361    | 77864    | 79219    | 1.59   | cps   |
| Uranium    | 238-1 | 2177493  | 2197134  | 2205336  | 2193321  | 0.65   | cps   |
| Vanadium   | 51-2  | 188264   | 186067   | 182603   | 185644   | 1.54   | cps   |
| Yttrium    | 89-1  | 9443401  | 9386248  | 9552173  | 9460607  | 0.89   | cps   |
| Yttrium    | 89-2  | 1794174  | 1783937  | 1800484  | 1792865  | 0.47   | cps   |
| Zinc       | 66-2  | 86477    | 85512    | 85294    | 85761    | 0.73   | cps   |
| Zirconium  | 90-1  | 1115637  | 1113689  | 1121079  | 1116802  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:40:19 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 251438 | 250644 | 249879 | 250654  | 0.31   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 353779   | 355763   | 351123   | 353555   | 0.66   | cps   |
| Antimony   | 121-1 | 1742996  | 1754703  | 1763194  | 1753631  | 0.58   | cps   |
| Arsenic    | 75-2  | 75485    | 74884    | 75094    | 75154    | 0.41   | cps   |
| Barium     | 135-1 | 1996558  | 1997997  | 2013689  | 2002748  | 0.47   | cps   |
| Barium     | 137-1 | 3495214  | 3478978  | 3523168  | 3499120  | 0.64   | cps   |
| Beryllium  | 9-1   | 141465   | 141123   | 138560   | 140383   | 1.13   | cps   |
| Bismuth    | 209-1 | 7772552  | 7797953  | 7800068  | 7790191  | 0.20   | cps   |
| Bismuth    | 209-2 | 6060254  | 6022269  | 6022106  | 6034876  | 0.36   | cps   |
| Boron      | 10-1  | 15934    | 16318    | 16476    | 16243    | 1.72   | cps   |
| Boron      | 11-1  | 87621    | 84486    | 86774    | 86294    | 1.88   | cps   |
| Cadmium    | 111-1 | 452163   | 451247   | 452409   | 451940   | 0.14   | cps   |
| Cadmium    | 106-1 | 54130    | 54506    | 55426    | 54688    | 1.22   | cps   |
| Cadmium    | 108-1 | 33081    | 33147    | 32855    | 33028    | 0.46   | cps   |
| Calcium    | 43-1  | 394299   | 396000   | 396144   | 395481   | 0.26   | cps   |
| Calcium    | 44-1  | 6367719  | 6417025  | 6422700  | 6402481  | 0.47   | cps   |
| Chromium   | 52-2  | 598986   | 594416   | 594024   | 595809   | 0.46   | cps   |
| Cobalt     | 59-2  | 991164   | 990838   | 996189   | 992731   | 0.30   | cps   |
| Copper     | 63-2  | 1478764  | 1479679  | 1471304  | 1476582  | 0.31   | cps   |
| Dysprosium | 156-1 | 50       | 42       | 67       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 30       | 47       | 40       | 39       | 21.57  | cps   |
| Erbium     | 164-1 | 42       | 100      | 67       | 69       | 42.14  | cps   |
| Erbium     | 164-2 | 27       | 33       | 20       | 27       | 24.99  | cps   |
| Gadolinium | 160-1 | 267      | 217      | 333      | 272      | 21.50  | cps   |
| Gadolinium | 160-2 | 203      | 207      | 170      | 193      | 10.49  | cps   |
| Holmium    | 165-1 | 11858953 | 11808876 | 11795691 | 11821173 | 0.28   | cps   |
| Holmium    | 165-2 | 7724992  | 7607659  | 7692773  | 7675141  | 0.79   | cps   |
| Indium     | 115-1 | 9642013  | 9626228  | 9697909  | 9655383  | 0.39   | cps   |
| Indium     | 115-2 | 2467163  | 2457816  | 2468600  | 2464526  | 0.24   | cps   |
| Iron       | 56-2  | 25909619 | 25554396 | 25638911 | 25700975 | 0.72   | cps   |
| Iron       | 57-2  | 643546   | 637094   | 636169   | 638936   | 0.63   | cps   |
| Lead       | 206-1 | 1321050  | 1321605  | 1326276  | 1322977  | 0.22   | cps   |
| Lead       | 207-1 | 1197716  | 1198138  | 1204427  | 1200094  | 0.31   | cps   |
| Lead       | 208-1 | 5396012  | 5388050  | 5415628  | 5399897  | 0.26   | cps   |
| Lithium    | 6-1   | 451693   | 452782   | 451183   | 451886   | 0.18   | cps   |
| Magnesium  | 24-2  | 3991321  | 4023522  | 4000508  | 4005117  | 0.41   | cps   |
| Manganese  | 55-2  | 694125   | 685386   | 684942   | 688151   | 0.75   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1503240  | 1507314  | 1511615  | 1507389  | 0.28   | cps   |
| Molybdenum | 95-1  | 810045   | 808896   | 816968   | 811970   | 0.54   | cps   |
| Molybdenum | 96-1  | 1049515  | 1040981  | 1057162  | 1049219  | 0.77   | cps   |
| Molybdenum | 97-1  | 502366   | 509325   | 508023   | 506571   | 0.73   | cps   |
| Molybdenum | 98-1  | 1286320  | 1308610  | 1313977  | 1302969  | 1.13   | cps   |
| Neodymium  | 150-1 | 133      | 127      | 113      | 124      | 8.18   | cps   |
| Neodymium  | 150-2 | 10       | 13       | 23       | 16       | 44.60  | cps   |
| Nickel     | 60-2  | 271950   | 272224   | 271746   | 271973   | 0.09   | cps   |
| Phosphorus | 31-2  | 21391    | 22518    | 21942    | 21950    | 2.57   | cps   |
| Potassium  | 39-2  | 2166783  | 2175680  | 2168645  | 2170369  | 0.22   | cps   |
| Rhodium    | 103-1 | 8770218  | 8792072  | 8897641  | 8819977  | 0.77   | cps   |
| Rhodium    | 103-2 | 5199688  | 5188523  | 5204187  | 5197466  | 0.16   | cps   |
| Scandium   | 45-1  | 4915092  | 4902669  | 4910595  | 4909452  | 0.13   | cps   |
| Scandium   | 45-2  | 314383   | 313453   | 313623   | 313820   | 0.16   | cps   |
| Selenium   | 77-2  | 1550     | 1617     | 1597     | 1588     | 2.15   | cps   |
| Selenium   | 78-2  | 5686     | 5690     | 5616     | 5664     | 0.74   | cps   |
| Selenium   | 82-1  | 26931    | 26965    | 27239    | 27045    | 0.62   | cps   |
| Silicon    | 28-1  | 1113274  | 1119805  | 1138340  | 1123806  | 1.16   | cps   |
| Silver     | 109-1 | 2073106  | 2055502  | 2064489  | 2064366  | 0.43   | cps   |
| Silver     | 107-1 | 2161804  | 2141455  | 2154204  | 2152488  | 0.48   | cps   |
| Sodium     | 23-2  | 7403362  | 7438281  | 7328656  | 7390100  | 0.76   | cps   |
| Strontium  | 86-1  | 522613   | 525605   | 521809   | 523342   | 0.38   | cps   |
| Strontium  | 88-1  | 4503523  | 4569391  | 4553079  | 4541998  | 0.76   | cps   |
| Sulfur     | 34-1  | 531897   | 526127   | 522148   | 526724   | 0.93   | cps   |
| Terbium    | 159-1 | 12181034 | 12191272 | 12281150 | 12217819 | 0.45   | cps   |
| Terbium    | 159-2 | 7756436  | 7655841  | 7646577  | 7686285  | 0.79   | cps   |
| Thallium   | 203-1 | 1628213  | 1615836  | 1638578  | 1627543  | 0.70   | cps   |
| Thallium   | 205-1 | 3855836  | 3861011  | 3887603  | 3868150  | 0.44   | cps   |
| Tin        | 118-1 | 1376146  | 1366391  | 1387316  | 1376618  | 0.76   | cps   |
| Titanium   | 47-1  | 197701   | 200638   | 199936   | 199425   | 0.77   | cps   |
| Uranium    | 238-1 | 5627632  | 5627512  | 5637297  | 5630814  | 0.10   | cps   |
| Vanadium   | 51-2  | 476089   | 473802   | 471938   | 473943   | 0.44   | cps   |
| Yttrium    | 89-1  | 9512967  | 9566671  | 9568181  | 9549273  | 0.33   | cps   |
| Yttrium    | 89-2  | 1814740  | 1814839  | 1794790  | 1808123  | 0.64   | cps   |
| Zinc       | 66-2  | 213780   | 216709   | 216104   | 215531   | 0.72   | cps   |
| Zirconium  | 90-1  | 2860343  | 2869453  | 2863782  | 2864526  | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:44:17 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 634260 | 639436 | 638115 | 637270  | 0.42   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 695925   | 694331   | 693067   | 694441   | 0.21   | cps   |
| Antimony   | 121-1 | 3489784  | 3531085  | 3492029  | 3504299  | 0.66   | cps   |
| Arsenic    | 75-2  | 148707   | 147959   | 147187   | 147951   | 0.51   | cps   |
| Barium     | 135-1 | 3976253  | 4014284  | 3986925  | 3992487  | 0.49   | cps   |
| Barium     | 137-1 | 6945240  | 7021624  | 7074894  | 7013919  | 0.93   | cps   |
| Beryllium  | 9-1   | 278892   | 281132   | 280131   | 280051   | 0.40   | cps   |
| Bismuth    | 209-1 | 7748729  | 7940733  | 7806434  | 7831965  | 1.26   | cps   |
| Bismuth    | 209-2 | 6038322  | 6029897  | 6042458  | 6036892  | 0.11   | cps   |
| Boron      | 10-1  | 32728    | 34139    | 34290    | 33719    | 2.55   | cps   |
| Boron      | 11-1  | 170813   | 173276   | 174927   | 173005   | 1.20   | cps   |
| Cadmium    | 111-1 | 889251   | 887848   | 886638   | 887912   | 0.15   | cps   |
| Cadmium    | 106-1 | 102251   | 102487   | 102720   | 102486   | 0.23   | cps   |
| Cadmium    | 108-1 | 64178    | 64233    | 63634    | 64015    | 0.52   | cps   |
| Calcium    | 43-1  | 773019   | 783754   | 778163   | 778312   | 0.69   | cps   |
| Calcium    | 44-1  | 12582857 | 12569395 | 12597883 | 12583379 | 0.11   | cps   |
| Chromium   | 52-2  | 1159511  | 1155818  | 1156497  | 1157275  | 0.17   | cps   |
| Cobalt     | 59-2  | 1932497  | 1933380  | 1944407  | 1936762  | 0.34   | cps   |
| Copper     | 63-2  | 2888377  | 2879367  | 2863504  | 2877083  | 0.44   | cps   |
| Dysprosium | 156-1 | 67       | 92       | 92       | 83       | 17.32  | cps   |
| Dysprosium | 156-2 | 50       | 47       | 70       | 56       | 22.71  | cps   |
| Erbium     | 164-1 | 75       | 125      | 17       | 72       | 75.07  | cps   |
| Erbium     | 164-2 | 40       | 30       | 27       | 32       | 21.53  | cps   |
| Gadolinium | 160-1 | 217      | 208      | 192      | 206      | 6.19   | cps   |
| Gadolinium | 160-2 | 230      | 273      | 177      | 227      | 21.36  | cps   |
| Holmium    | 165-1 | 11825854 | 11992068 | 11859352 | 11892425 | 0.74   | cps   |
| Holmium    | 165-2 | 7752496  | 7758474  | 7740927  | 7750632  | 0.12   | cps   |
| Indium     | 115-1 | 9730842  | 9671383  | 9590535  | 9664253  | 0.73   | cps   |
| Indium     | 115-2 | 2438006  | 2431997  | 2445700  | 2438568  | 0.28   | cps   |
| Iron       | 56-2  | 50012796 | 49888332 | 49509271 | 49803466 | 0.53   | cps   |
| Iron       | 57-2  | 1254614  | 1247334  | 1242683  | 1248210  | 0.48   | cps   |
| Lead       | 206-1 | 2648287  | 2678322  | 2663035  | 2663214  | 0.56   | cps   |
| Lead       | 207-1 | 2398722  | 2409056  | 2416163  | 2407980  | 0.36   | cps   |
| Lead       | 208-1 | 10749157 | 10874804 | 10841734 | 10821898 | 0.60   | cps   |
| Lithium    | 6-1   | 461713   | 467448   | 463229   | 464130   | 0.64   | cps   |
| Magnesium  | 24-2  | 7982606  | 7874344  | 7835257  | 7897402  | 0.97   | cps   |
| Manganese  | 55-2  | 1341445  | 1336265  | 1330527  | 1336079  | 0.41   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3004381  | 3005551  | 3002817  | 3004249  | 0.05   | cps   |
| Molybdenum | 95-1  | 1628416  | 1632274  | 1624815  | 1628502  | 0.23   | cps   |
| Molybdenum | 96-1  | 2084804  | 2082460  | 2082949  | 2083404  | 0.06   | cps   |
| Molybdenum | 97-1  | 1014474  | 1018142  | 1008004  | 1013540  | 0.51   | cps   |
| Molybdenum | 98-1  | 2597494  | 2617967  | 2600864  | 2605442  | 0.42   | cps   |
| Neodymium  | 150-1 | 300      | 200      | 240      | 247      | 20.41  | cps   |
| Neodymium  | 150-2 | 50       | 17       | 53       | 40       | 50.68  | cps   |
| Nickel     | 60-2  | 528641   | 528246   | 529600   | 528829   | 0.13   | cps   |
| Phosphorus | 31-2  | 42053    | 43289    | 42922    | 42754    | 1.48   | cps   |
| Potassium  | 39-2  | 4183209  | 4155475  | 4176752  | 4171812  | 0.35   | cps   |
| Rhodium    | 103-1 | 8820634  | 8785642  | 8782768  | 8796348  | 0.24   | cps   |
| Rhodium    | 103-2 | 5134347  | 5123566  | 5159326  | 5139080  | 0.36   | cps   |
| Scandium   | 45-1  | 4894387  | 4924474  | 4841464  | 4886775  | 0.86   | cps   |
| Scandium   | 45-2  | 312812   | 310985   | 309738   | 311178   | 0.50   | cps   |
| Selenium   | 77-2  | 3224     | 3117     | 3164     | 3168     | 1.69   | cps   |
| Selenium   | 78-2  | 10986    | 10876    | 11027    | 10963    | 0.71   | cps   |
| Selenium   | 82-1  | 52956    | 53609    | 53757    | 53440    | 0.80   | cps   |
| Silicon    | 28-1  | 1965594  | 1993202  | 1992341  | 1983713  | 0.79   | cps   |
| Silver     | 109-1 | 4062428  | 4048807  | 4021384  | 4044206  | 0.52   | cps   |
| Silver     | 107-1 | 4244118  | 4243777  | 4223160  | 4237018  | 0.28   | cps   |
| Sodium     | 23-2  | 14461232 | 14478406 | 14452237 | 14463958 | 0.09   | cps   |
| Strontium  | 86-1  | 1030724  | 1045144  | 1031752  | 1035873  | 0.78   | cps   |
| Strontium  | 88-1  | 8964628  | 9081081  | 9034135  | 9026615  | 0.65   | cps   |
| Sulfur     | 34-1  | 626061   | 622363   | 610757   | 619727   | 1.29   | cps   |
| Terbium    | 159-1 | 12355620 | 12378160 | 12365522 | 12366434 | 0.09   | cps   |
| Terbium    | 159-2 | 7733104  | 7678029  | 7767710  | 7726281  | 0.59   | cps   |
| Thallium   | 203-1 | 3264538  | 3300849  | 3297900  | 3287762  | 0.61   | cps   |
| Thallium   | 205-1 | 7803630  | 7811680  | 7878018  | 7831109  | 0.52   | cps   |
| Tin        | 118-1 | 2741520  | 2752632  | 2739277  | 2744477  | 0.26   | cps   |
| Titanium   | 47-1  | 393736   | 391403   | 394285   | 393141   | 0.39   | cps   |
| Uranium    | 238-1 | 11262191 | 11375244 | 11222666 | 11286700 | 0.70   | cps   |
| Vanadium   | 51-2  | 932205   | 926892   | 920953   | 926683   | 0.61   | cps   |
| Yttrium    | 89-1  | 9526734  | 9645805  | 9430043  | 9534194  | 1.13   | cps   |
| Yttrium    | 89-2  | 1797477  | 1780816  | 1799586  | 1792626  | 0.57   | cps   |
| Zinc       | 66-2  | 423939   | 423982   | 421525   | 423148   | 0.33   | cps   |
| Zirconium  | 90-1  | 5768758  | 5779507  | 5682004  | 5743423  | 0.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:47:56 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1270179 | 1270774 | 1258183 | 1266379 | 0.56   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : S6 Instrumnet Name : P7  
 Client Sample ID : S6 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 15:51:30 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1356694  | 1367849  | 1340166  | 1354903  | 1.03   | cps   |
| Antimony   | 121-1 | 7001928  | 7058908  | 7114963  | 7058600  | 0.80   | cps   |
| Arsenic    | 75-2  | 291983   | 295369   | 293320   | 293557   | 0.58   | cps   |
| Barium     | 135-1 | 7993859  | 7976590  | 8081019  | 8017156  | 0.70   | cps   |
| Barium     | 137-1 | 13803677 | 13836207 | 14035049 | 13891644 | 0.90   | cps   |
| Beryllium  | 9-1   | 545629   | 544547   | 549609   | 546595   | 0.49   | cps   |
| Bismuth    | 209-1 | 7700019  | 7762587  | 7902134  | 7788247  | 1.33   | cps   |
| Bismuth    | 209-2 | 5978328  | 5975445  | 5928259  | 5960677  | 0.47   | cps   |
| Boron      | 10-1  | 64380    | 66706    | 66379    | 65822    | 1.91   | cps   |
| Boron      | 11-1  | 342639   | 346412   | 348117   | 345723   | 0.81   | cps   |
| Cadmium    | 111-1 | 1735993  | 1717502  | 1747146  | 1733547  | 0.86   | cps   |
| Cadmium    | 106-1 | 192983   | 192400   | 192431   | 192605   | 0.17   | cps   |
| Cadmium    | 108-1 | 125285   | 124982   | 125849   | 125372   | 0.35   | cps   |
| Calcium    | 43-1  | 1514391  | 1508684  | 1537637  | 1520238  | 1.01   | cps   |
| Calcium    | 44-1  | 24723929 | 24431223 | 24963647 | 24706267 | 1.08   | cps   |
| Chromium   | 52-2  | 2269766  | 2288262  | 2284193  | 2280740  | 0.43   | cps   |
| Cobalt     | 59-2  | 3780446  | 3757471  | 3771671  | 3769863  | 0.31   | cps   |
| Copper     | 63-2  | 5554573  | 5558886  | 5550914  | 5554791  | 0.07   | cps   |
| Dysprosium | 156-1 | 275      | 208      | 242      | 242      | 13.79  | cps   |
| Dysprosium | 156-2 | 100      | 137      | 130      | 122      | 15.98  | cps   |
| Erbium     | 164-1 | 75       | 92       | 50       | 72       | 29.04  | cps   |
| Erbium     | 164-2 | 33       | 30       | 27       | 30       | 11.10  | cps   |
| Gadolinium | 160-1 | 242      | 358      | 350      | 317      | 20.55  | cps   |
| Gadolinium | 160-2 | 280      | 217      | 270      | 256      | 13.32  | cps   |
| Holmium    | 165-1 | 11877393 | 11868847 | 11989166 | 11911802 | 0.56   | cps   |
| Holmium    | 165-2 | 7775384  | 7740989  | 7692009  | 7736127  | 0.54   | cps   |
| Indium     | 115-1 | 9344868  | 9373253  | 9478247  | 9398789  | 0.75   | cps   |
| Indium     | 115-2 | 2399904  | 2410196  | 2395030  | 2401710  | 0.32   | cps   |
| Iron       | 56-2  | 99663761 | 99038180 | 99586774 | 99429572 | 0.34   | cps   |
| Iron       | 57-2  | 2463158  | 2440523  | 2451824  | 2451835  | 0.46   | cps   |
| Lead       | 206-1 | 5265622  | 5231683  | 5308600  | 5268635  | 0.73   | cps   |
| Lead       | 207-1 | 4749018  | 4755400  | 4807936  | 4770784  | 0.68   | cps   |
| Lead       | 208-1 | 21383932 | 21389317 | 21643983 | 21472411 | 0.69   | cps   |
| Lithium    | 6-1   | 457415   | 457870   | 462385   | 459223   | 0.60   | cps   |
| Magnesium  | 24-2  | 15394378 | 15484294 | 15410690 | 15429787 | 0.31   | cps   |
| Manganese  | 55-2  | 2627120  | 2622102  | 2635183  | 2628135  | 0.25   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:51:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6070304  | 5983121  | 6045883  | 6033103  | 0.75   | cps   |
| Molybdenum | 95-1  | 3202542  | 3162863  | 3210531  | 3191979  | 0.80   | cps   |
| Molybdenum | 96-1  | 4129063  | 4074143  | 4114529  | 4105912  | 0.69   | cps   |
| Molybdenum | 97-1  | 2005673  | 1979706  | 2011074  | 1998818  | 0.84   | cps   |
| Molybdenum | 98-1  | 5140527  | 5107589  | 5164197  | 5137437  | 0.55   | cps   |
| Neodymium  | 150-1 | 473      | 687      | 467      | 542      | 23.08  | cps   |
| Neodymium  | 150-2 | 60       | 110      | 53       | 74       | 41.61  | cps   |
| Nickel     | 60-2  | 1027643  | 1030437  | 1029013  | 1029031  | 0.14   | cps   |
| Phosphorus | 31-2  | 82453    | 84163    | 83526    | 83381    | 1.04   | cps   |
| Potassium  | 39-2  | 8260939  | 8253915  | 8332272  | 8282376  | 0.52   | cps   |
| Rhodium    | 103-1 | 8605149  | 8582479  | 8741728  | 8643119  | 1.00   | cps   |
| Rhodium    | 103-2 | 5064030  | 5059408  | 5068120  | 5063853  | 0.09   | cps   |
| Scandium   | 45-1  | 4818445  | 4762582  | 4865849  | 4815625  | 1.07   | cps   |
| Scandium   | 45-2  | 311199   | 308442   | 311927   | 310522   | 0.59   | cps   |
| Selenium   | 77-2  | 6308     | 6228     | 6208     | 6248     | 0.85   | cps   |
| Selenium   | 78-2  | 21017    | 21383    | 21166    | 21188    | 0.87   | cps   |
| Selenium   | 82-1  | 104087   | 104435   | 104923   | 104481   | 0.40   | cps   |
| Silicon    | 28-1  | 3689347  | 3712109  | 3727631  | 3709695  | 0.52   | cps   |
| Silver     | 109-1 | 8015562  | 7935078  | 8122082  | 8024241  | 1.17   | cps   |
| Silver     | 107-1 | 8458376  | 8366284  | 8369407  | 8398022  | 0.62   | cps   |
| Sodium     | 23-2  | 28306429 | 28561109 | 28517015 | 28461518 | 0.48   | cps   |
| Strontium  | 86-1  | 2040156  | 2023033  | 2047655  | 2036948  | 0.62   | cps   |
| Strontium  | 88-1  | 18010086 | 17837232 | 18096793 | 17981370 | 0.73   | cps   |
| Sulfur     | 34-1  | 826169   | 827807   | 834099   | 829358   | 0.50   | cps   |
| Terbium    | 159-1 | 12263276 | 12352962 | 12287295 | 12301178 | 0.38   | cps   |
| Terbium    | 159-2 | 7717636  | 7724539  | 7762688  | 7734954  | 0.31   | cps   |
| Thallium   | 203-1 | 6469093  | 6464287  | 6589012  | 6507464  | 1.09   | cps   |
| Thallium   | 205-1 | 15275293 | 15404943 | 15589975 | 15423403 | 1.03   | cps   |
| Tin        | 118-1 | 5340730  | 5337428  | 5453936  | 5377365  | 1.23   | cps   |
| Titanium   | 47-1  | 761881   | 764455   | 771911   | 766082   | 0.68   | cps   |
| Uranium    | 238-1 | 22343657 | 22397489 | 22753832 | 22498326 | 0.99   | cps   |
| Vanadium   | 51-2  | 1834274  | 1839335  | 1835877  | 1836495  | 0.14   | cps   |
| Yttrium    | 89-1  | 9390018  | 9312200  | 9524883  | 9409034  | 1.14   | cps   |
| Yttrium    | 89-2  | 1793856  | 1796774  | 1795326  | 1795319  | 0.08   | cps   |
| Zinc       | 66-2  | 827265   | 827920   | 828852   | 828012   | 0.10   | cps   |
| Zirconium  | 90-1  | 11313129 | 11326895 | 11430808 | 11356944 | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:51:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2498680 | 2497691 | 2510252 | 2502207 | 0.28   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 15:55:02 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2701111   | 2674953   | 2699466   | 2691843   | 0.54   | cps   |
| Antimony   | 121-1 | 13887819  | 14043318  | 14170699  | 14033945  | 1.01   | cps   |
| Arsenic    | 75-2  | 578546    | 581361    | 586483    | 582130    | 0.69   | cps   |
| Barium     | 135-1 | 15833357  | 15958509  | 15899383  | 15897083  | 0.39   | cps   |
| Barium     | 137-1 | 27684464  | 27721487  | 27850304  | 27752085  | 0.31   | cps   |
| Beryllium  | 9-1   | 1063063   | 1060484   | 1074036   | 1065861   | 0.68   | cps   |
| Bismuth    | 209-1 | 7641549   | 7704278   | 7862461   | 7736096   | 1.47   | cps   |
| Bismuth    | 209-2 | 5841715   | 5893947   | 5938831   | 5891498   | 0.82   | cps   |
| Boron      | 10-1  | 127189    | 130258    | 130854    | 129434    | 1.52   | cps   |
| Boron      | 11-1  | 669805    | 676889    | 692607    | 679767    | 1.72   | cps   |
| Cadmium    | 111-1 | 3329061   | 3356180   | 3400252   | 3361831   | 1.07   | cps   |
| Cadmium    | 106-1 | 368644    | 367863    | 377038    | 371182    | 1.37   | cps   |
| Cadmium    | 108-1 | 244737    | 244226    | 249214    | 246059    | 1.12   | cps   |
| Calcium    | 43-1  | 2976434   | 2994374   | 3053724   | 3008177   | 1.34   | cps   |
| Calcium    | 44-1  | 48603018  | 48940962  | 49791684  | 49111888  | 1.25   | cps   |
| Chromium   | 52-2  | 4447512   | 4470046   | 4478616   | 4465391   | 0.36   | cps   |
| Cobalt     | 59-2  | 7542723   | 7520044   | 7589202   | 7550656   | 0.47   | cps   |
| Copper     | 63-2  | 11055539  | 11188354  | 11204373  | 11149422  | 0.73   | cps   |
| Dysprosium | 156-1 | 467       | 517       | 617       | 533       | 14.32  | cps   |
| Dysprosium | 156-2 | 363       | 343       | 297       | 334       | 10.23  | cps   |
| Erbium     | 164-1 | 200       | 233       | 242       | 225       | 9.80   | cps   |
| Erbium     | 164-2 | 120       | 93        | 143       | 119       | 21.04  | cps   |
| Gadolinium | 160-1 | 417       | 467       | 475       | 453       | 6.97   | cps   |
| Gadolinium | 160-2 | 363       | 353       | 367       | 361       | 1.92   | cps   |
| Holmium    | 165-1 | 11805905  | 11844968  | 12011548  | 11887474  | 0.92   | cps   |
| Holmium    | 165-2 | 7784029   | 7762330   | 7830913   | 7792424   | 0.45   | cps   |
| Indium     | 115-1 | 9200431   | 9261890   | 9248959   | 9237093   | 0.35   | cps   |
| Indium     | 115-2 | 2342281   | 2343108   | 2374185   | 2353192   | 0.77   | cps   |
| Iron       | 56-2  | 197140632 | 196941082 | 198689060 | 197590258 | 0.48   | cps   |
| Iron       | 57-2  | 4851167   | 4852808   | 4862036   | 4855337   | 0.12   | cps   |
| Lead       | 206-1 | 10650412  | 10707801  | 10937321  | 10765178  | 1.41   | cps   |
| Lead       | 207-1 | 9656977   | 9749983   | 9863241   | 9756733   | 1.06   | cps   |
| Lead       | 208-1 | 42951129  | 43039495  | 44013197  | 43334607  | 1.36   | cps   |
| Lithium    | 6-1   | 451263    | 452002    | 458838    | 454034    | 0.92   | cps   |
| Magnesium  | 24-2  | 30461085  | 30670608  | 30598291  | 30576661  | 0.35   | cps   |
| Manganese  | 55-2  | 5166981   | 5173033   | 5221299   | 5187104   | 0.57   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:55:02 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 12027315 | 12021964 | 12126493 | 12058591 | 0.49   | cps   |
| Molybdenum | 95-1  | 6426598  | 6449336  | 6509491  | 6461808  | 0.66   | cps   |
| Molybdenum | 96-1  | 8296465  | 8289589  | 8351045  | 8312366  | 0.41   | cps   |
| Molybdenum | 97-1  | 3916034  | 3952425  | 4000055  | 3956171  | 1.07   | cps   |
| Molybdenum | 98-1  | 10385672 | 10474652 | 10662546 | 10507623 | 1.35   | cps   |
| Neodymium  | 150-1 | 1220     | 1133     | 1307     | 1220     | 7.10   | cps   |
| Neodymium  | 150-2 | 307      | 283      | 267      | 286      | 7.04   | cps   |
| Nickel     | 60-2  | 1985965  | 2002619  | 1993975  | 1994186  | 0.42   | cps   |
| Phosphorus | 31-2  | 165811   | 165054   | 165846   | 165570   | 0.27   | cps   |
| Potassium  | 39-2  | 16413058 | 16282295 | 16428978 | 16374777 | 0.49   | cps   |
| Rhodium    | 103-1 | 8427571  | 8422201  | 8588377  | 8479383  | 1.11   | cps   |
| Rhodium    | 103-2 | 4909054  | 4977256  | 4992129  | 4959480  | 0.89   | cps   |
| Scandium   | 45-1  | 4816279  | 4779618  | 4909617  | 4835171  | 1.39   | cps   |
| Scandium   | 45-2  | 314240   | 310936   | 314883   | 313353   | 0.68   | cps   |
| Selenium   | 77-2  | 11772    | 12115    | 12722    | 12203    | 3.95   | cps   |
| Selenium   | 78-2  | 41656    | 41299    | 41635    | 41530    | 0.48   | cps   |
| Selenium   | 82-1  | 202622   | 202674   | 205891   | 203729   | 0.92   | cps   |
| Silicon    | 28-1  | 5792671  | 5786415  | 5917384  | 5832157  | 1.27   | cps   |
| Silver     | 109-1 | 15726028 | 15642987 | 15928360 | 15765792 | 0.93   | cps   |
| Silver     | 107-1 | 16400143 | 16452900 | 16720600 | 16524548 | 1.04   | cps   |
| Sodium     | 23-2  | 56358005 | 56706043 | 57030603 | 56698217 | 0.59   | cps   |
| Strontium  | 86-1  | 3989228  | 4002713  | 4057126  | 4016356  | 0.89   | cps   |
| Strontium  | 88-1  | 35582609 | 35625778 | 36204111 | 35804166 | 0.97   | cps   |
| Sulfur     | 34-1  | 1262941  | 1255779  | 1286398  | 1268373  | 1.26   | cps   |
| Terbium    | 159-1 | 12242451 | 12323044 | 12542519 | 12369338 | 1.26   | cps   |
| Terbium    | 159-2 | 7720911  | 7716265  | 7841104  | 7759427  | 0.91   | cps   |
| Thallium   | 203-1 | 12902991 | 12996392 | 13250436 | 13049940 | 1.38   | cps   |
| Thallium   | 205-1 | 30216455 | 30602428 | 31180625 | 30666502 | 1.58   | cps   |
| Tin        | 118-1 | 10893457 | 10950834 | 11117648 | 10987313 | 1.06   | cps   |
| Titanium   | 47-1  | 1513280  | 1515861  | 1535923  | 1521688  | 0.81   | cps   |
| Uranium    | 238-1 | 44826824 | 45170477 | 46051541 | 45349614 | 1.39   | cps   |
| Vanadium   | 51-2  | 3614273  | 3620287  | 3674168  | 3636242  | 0.91   | cps   |
| Yttrium    | 89-1  | 9402022  | 9492798  | 9598307  | 9497709  | 1.03   | cps   |
| Yttrium    | 89-2  | 1777667  | 1782324  | 1800316  | 1786769  | 0.67   | cps   |
| Zinc       | 66-2  | 1636369  | 1650444  | 1655580  | 1647464  | 0.60   | cps   |
| Zirconium  | 90-1  | 22764195 | 22580964 | 23039154 | 22794771 | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:55:02 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 4978988 | 4959687 | 5031880 | 4990185 | 0.75   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 14402752  | 14367047  | 14535654  | 14435151  | 0.62   | cps   |
| Antimony   | 121-1 | 48092     | 46637     | 46319     | 47016     | 2.01   | cps   |
| Arsenic    | 75-2  | 298       | 270       | 293       | 287       | 5.12   | cps   |
| Barium     | 135-1 | 5026      | 4926      | 4985      | 4979      | 1.01   | cps   |
| Barium     | 137-1 | 9220      | 9195      | 8370      | 8928      | 5.42   | cps   |
| Beryllium  | 9-1   | 172       | 144       | 161       | 159       | 8.78   | cps   |
| Bismuth    | 209-1 | 6775067   | 6745389   | 6732575   | 6751011   | 0.32   | cps   |
| Bismuth    | 209-2 | 5378746   | 5360732   | 5388380   | 5375953   | 0.26   | cps   |
| Boron      | 10-1  | 4159      | 3342      | 3926      | 3809      | 11.05  | cps   |
| Boron      | 11-1  | 18913     | 18387     | 18295     | 18532     | 1.80   | cps   |
| Cadmium    | 111-1 | 4920      | 4670      | 4736      | 4775      | 2.71   | cps   |
| Cadmium    | 106-1 | 6168      | 5843      | 6060      | 6024      | 2.75   | cps   |
| Cadmium    | 108-1 | 104       | 58        | 50        | 71        | 41.18  | cps   |
| Calcium    | 43-1  | 15063393  | 15358536  | 15342939  | 15254956  | 1.09   | cps   |
| Calcium    | 44-1  | 244596855 | 249258789 | 248419872 | 247425172 | 1.00   | cps   |
| Chromium   | 52-2  | 17237     | 18251     | 18365     | 17951     | 3.46   | cps   |
| Cobalt     | 59-2  | 9423      | 9660      | 9240      | 9441      | 2.23   | cps   |
| Copper     | 63-2  | 17684     | 17524     | 17694     | 17634     | 0.54   | cps   |
| Dysprosium | 156-1 | 142       | 200       | 192       | 178       | 17.75  | cps   |
| Dysprosium | 156-2 | 60        | 40        | 70        | 57        | 26.96  | cps   |
| Erbium     | 164-1 | 67        | 17        | 100       | 61        | 68.63  | cps   |
| Erbium     | 164-2 | 33        | 40        | 30        | 34        | 14.78  | cps   |
| Gadolinium | 160-1 | 308       | 200       | 200       | 236       | 26.49  | cps   |
| Gadolinium | 160-2 | 200       | 280       | 233       | 238       | 16.90  | cps   |
| Holmium    | 165-1 | 11331163  | 11097688  | 11210250  | 11213034  | 1.04   | cps   |
| Holmium    | 165-2 | 7633522   | 7632322   | 7671349   | 7645731   | 0.29   | cps   |
| Indium     | 115-1 | 8679284   | 8699055   | 8740270   | 8706203   | 0.36   | cps   |
| Indium     | 115-2 | 2339616   | 2348907   | 2357882   | 2348802   | 0.39   | cps   |
| Iron       | 56-2  | 953324310 | 968446133 | 973336800 | 965035747 | 1.08   | cps   |
| Iron       | 57-2  | 24107371  | 24160165  | 24716608  | 24328048  | 1.39   | cps   |
| Lead       | 206-1 | 19298     | 18903     | 18703     | 18968     | 1.60   | cps   |
| Lead       | 207-1 | 16127     | 15554     | 15754     | 15812     | 1.84   | cps   |
| Lead       | 208-1 | 75223     | 74818     | 74696     | 74912     | 0.37   | cps   |
| Lithium    | 6-1   | 456693    | 469914    | 477080    | 467896    | 2.21   | cps   |
| Magnesium  | 24-2  | 155116845 | 153998687 | 155623483 | 154913005 | 0.54   | cps   |
| Manganese  | 55-2  | 14854     | 14591     | 14284     | 14576     | 1.96   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 8178      | 8495      | 8061      | 8244      | 2.72   | cps   |
| Molybdenum | 95-1  | 10413     | 9854      | 9295      | 9854      | 5.67   | cps   |
| Molybdenum | 96-1  | 18746     | 18788     | 17595     | 18376     | 3.69   | cps   |
| Molybdenum | 97-1  | 6535      | 6435      | 6052      | 6341      | 4.03   | cps   |
| Molybdenum | 98-1  | 16293     | 15125     | 14608     | 15342     | 5.63   | cps   |
| Neodymium  | 150-1 | 93        | 67        | 140       | 100       | 37.12  | cps   |
| Neodymium  | 150-2 | 73        | 73        | 93        | 80        | 14.44  | cps   |
| Nickel     | 60-2  | 4768      | 5021      | 5054      | 4948      | 3.17   | cps   |
| Phosphorus | 31-2  | 433       | 375       | 408       | 406       | 7.22   | cps   |
| Potassium  | 39-2  | 83586916  | 84109087  | 84862362  | 84186122  | 0.76   | cps   |
| Rhodium    | 103-1 | 7706999   | 7720353   | 7670982   | 7699445   | 0.33   | cps   |
| Rhodium    | 103-2 | 4608735   | 4593389   | 4615072   | 4605732   | 0.24   | cps   |
| Scandium   | 45-1  | 4772010   | 4783550   | 4815591   | 4790384   | 0.47   | cps   |
| Scandium   | 45-2  | 311517    | 312555    | 315807    | 313293    | 0.71   | cps   |
| Selenium   | 77-2  | 7         | 10        | 17        | 11        | 45.82  | cps   |
| Selenium   | 78-2  | 131       | 117       | 131       | 127       | 6.76   | cps   |
| Selenium   | 82-1  | 302       | 224       | 257       | 261       | 15.05  | cps   |
| Silicon    | 28-1  | 461397    | 479750    | 487080    | 476076    | 2.78   | cps   |
| Silver     | 109-1 | 1859      | 2042      | 1617      | 1839      | 11.59  | cps   |
| Silver     | 107-1 | 2142      | 1750      | 1867      | 1920      | 10.48  | cps   |
| Sodium     | 23-2  | 282568056 | 283949256 | 288144448 | 284887254 | 1.02   | cps   |
| Strontium  | 86-1  | 134592    | 135702    | 131726    | 134007    | 1.53   | cps   |
| Strontium  | 88-1  | 1164692   | 1164951   | 1166242   | 1165295   | 0.07   | cps   |
| Sulfur     | 34-1  | 349413    | 346649    | 347138    | 347733    | 0.42   | cps   |
| Terbium    | 159-1 | 11595859  | 11594715  | 11530068  | 11573547  | 0.33   | cps   |
| Terbium    | 159-2 | 7550340   | 7573763   | 7619311   | 7581138   | 0.46   | cps   |
| Thallium   | 203-1 | 5610      | 4301      | 4451      | 4787      | 14.96  | cps   |
| Thallium   | 205-1 | 12348     | 11389     | 10238     | 11325     | 9.33   | cps   |
| Tin        | 118-1 | 10880     | 10121     | 9445      | 10149     | 7.07   | cps   |
| Titanium   | 47-1  | 1192      | 1042      | 1058      | 1097      | 7.49   | cps   |
| Uranium    | 238-1 | 4651      | 4259      | 3676      | 4195      | 11.70  | cps   |
| Vanadium   | 51-2  | 1840      | 1753      | 1747      | 1780      | 2.93   | cps   |
| Yttrium    | 89-1  | 9028733   | 8989712   | 8982161   | 9000202   | 0.28   | cps   |
| Yttrium    | 89-2  | 1789170   | 1791028   | 1793654   | 1791284   | 0.13   | cps   |
| Zinc       | 66-2  | 4758      | 4834      | 4898      | 4830      | 1.45   | cps   |
| Zirconium  | 90-1  | 6710      | 6302      | 5843      | 6285      | 6.90   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 15:58:29 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1408 | 1250 | 1250 | 1303    | 7.02   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:02:10 DataFile Name : 012ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75224    | 75784    | 75550    | 75519    | 0.37   | cps   |
| Antimony   | 121-1 | 2672336  | 2656905  | 2679691  | 2669644  | 0.44   | cps   |
| Arsenic    | 75-2  | 120509   | 119880   | 119924   | 120104   | 0.29   | cps   |
| Barium     | 135-1 | 317058   | 312552   | 312008   | 313873   | 0.88   | cps   |
| Barium     | 137-1 | 549344   | 548819   | 550984   | 549716   | 0.21   | cps   |
| Beryllium  | 9-1   | 116734   | 115224   | 113936   | 115298   | 1.22   | cps   |
| Bismuth    | 209-1 | 7915799  | 7919861  | 7938681  | 7924780  | 0.15   | cps   |
| Bismuth    | 209-2 | 6358948  | 6252096  | 6244933  | 6285325  | 1.02   | cps   |
| Boron      | 10-1  | 74081    | 72189    | 73546    | 73272    | 1.33   | cps   |
| Boron      | 11-1  | 376682   | 379183   | 378518   | 378128   | 0.34   | cps   |
| Cadmium    | 111-1 | 362008   | 360501   | 361805   | 361438   | 0.23   | cps   |
| Cadmium    | 106-1 | 69471    | 68968    | 68776    | 69071    | 0.52   | cps   |
| Cadmium    | 108-1 | 36247    | 35800    | 34805    | 35617    | 2.07   | cps   |
| Calcium    | 43-1  | 75534    | 76675    | 73299    | 75169    | 2.28   | cps   |
| Calcium    | 44-1  | 1180205  | 1183823  | 1155607  | 1173211  | 1.31   | cps   |
| Chromium   | 52-2  | 468609   | 464441   | 465264   | 466104   | 0.47   | cps   |
| Cobalt     | 59-2  | 793369   | 791435   | 796787   | 793863   | 0.34   | cps   |
| Copper     | 63-2  | 596052   | 594860   | 597307   | 596073   | 0.21   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 8        | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 100      | 167      | 83       | 117      | 37.80  | cps   |
| Erbium     | 164-2 | 83       | 43       | 37       | 54       | 46.36  | cps   |
| Gadolinium | 160-1 | 333      | 225      | 233      | 264      | 22.84  | cps   |
| Gadolinium | 160-2 | 213      | 187      | 200      | 200      | 6.67   | cps   |
| Holmium    | 165-1 | 11956216 | 11937696 | 11895970 | 11929961 | 0.26   | cps   |
| Holmium    | 165-2 | 8182901  | 8124750  | 8086516  | 8131389  | 0.60   | cps   |
| Indium     | 115-1 | 9759841  | 9651782  | 9683051  | 9698225  | 0.57   | cps   |
| Indium     | 115-2 | 2593112  | 2541058  | 2555641  | 2563270  | 1.05   | cps   |
| Iron       | 56-2  | 4074159  | 4071264  | 4046918  | 4064114  | 0.37   | cps   |
| Iron       | 57-2  | 102988   | 103569   | 103507   | 103355   | 0.31   | cps   |
| Lead       | 206-1 | 2091158  | 2117292  | 2085943  | 2098131  | 0.80   | cps   |
| Lead       | 207-1 | 1831277  | 1823690  | 1817133  | 1824033  | 0.39   | cps   |
| Lead       | 208-1 | 8387403  | 8382762  | 8351652  | 8373939  | 0.23   | cps   |
| Lithium    | 6-1   | 524854   | 515136   | 510999   | 516997   | 1.38   | cps   |
| Magnesium  | 24-2  | 387589   | 381668   | 386224   | 385160   | 0.80   | cps   |
| Manganese  | 55-2  | 276418   | 277708   | 274325   | 276150   | 0.62   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 16:02:10 | DataFile Name :   | 012ICV01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6088918  | 6115855  | 6143354  | 6116042  | 0.45   | cps   |
| Molybdenum | 95-1  | 3187104  | 3175431  | 3198125  | 3186886  | 0.36   | cps   |
| Molybdenum | 96-1  | 4085558  | 4068592  | 4092077  | 4082076  | 0.30   | cps   |
| Molybdenum | 97-1  | 1981126  | 1990713  | 1978029  | 1983289  | 0.33   | cps   |
| Molybdenum | 98-1  | 5081890  | 5138069  | 5091411  | 5103790  | 0.59   | cps   |
| Neodymium  | 150-1 | 47       | 13       | 53       | 38       | 56.74  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 218020   | 216991   | 219874   | 218295   | 0.67   | cps   |
| Phosphorus | 31-2  | 333      | 425      | 367      | 375      | 12.37  | cps   |
| Potassium  | 39-2  | 750151   | 748490   | 745680   | 748107   | 0.30   | cps   |
| Rhodium    | 103-1 | 9113153  | 9212072  | 9132151  | 9152458  | 0.57   | cps   |
| Rhodium    | 103-2 | 5422370  | 5326914  | 5366504  | 5371929  | 0.89   | cps   |
| Scandium   | 45-1  | 5129285  | 5152918  | 5132729  | 5138311  | 0.25   | cps   |
| Scandium   | 45-2  | 333506   | 328865   | 320943   | 327771   | 1.94   | cps   |
| Selenium   | 77-2  | 2764     | 2557     | 2394     | 2571     | 7.21   | cps   |
| Selenium   | 78-2  | 9027     | 9203     | 9316     | 9182     | 1.59   | cps   |
| Selenium   | 82-1  | 42472    | 42306    | 42354    | 42377    | 0.20   | cps   |
| Silicon    | 28-1  | 3458650  | 3474203  | 3417770  | 3450208  | 0.84   | cps   |
| Silver     | 109-1 | 1587645  | 1596615  | 1572139  | 1585466  | 0.78   | cps   |
| Silver     | 107-1 | 1662632  | 1673524  | 1667531  | 1667896  | 0.33   | cps   |
| Sodium     | 23-2  | 1213438  | 1212631  | 1222094  | 1216054  | 0.43   | cps   |
| Strontium  | 86-1  | 2040704  | 2030485  | 2031462  | 2034217  | 0.28   | cps   |
| Strontium  | 88-1  | 18327522 | 18234939 | 18293392 | 18285284 | 0.26   | cps   |
| Sulfur     | 34-1  | 349803   | 350519   | 344617   | 348313   | 0.92   | cps   |
| Terbium    | 159-1 | 12400823 | 12396864 | 12387658 | 12395115 | 0.05   | cps   |
| Terbium    | 159-2 | 8217621  | 7975953  | 7985619  | 8059731  | 1.70   | cps   |
| Thallium   | 203-1 | 2602330  | 2615129  | 2616808  | 2611422  | 0.30   | cps   |
| Thallium   | 205-1 | 6205566  | 6219326  | 6192085  | 6205659  | 0.22   | cps   |
| Tin        | 118-1 | 5353529  | 5310297  | 5370039  | 5344622  | 0.58   | cps   |
| Titanium   | 47-1  | 783692   | 791630   | 777796   | 784373   | 0.89   | cps   |
| Uranium    | 238-1 | 23641742 | 23968444 | 23586208 | 23732131 | 0.87   | cps   |
| Vanadium   | 51-2  | 373429   | 372441   | 373902   | 373257   | 0.20   | cps   |
| Yttrium    | 89-1  | 9859695  | 9809245  | 9825234  | 9831392  | 0.26   | cps   |
| Yttrium    | 89-2  | 1903947  | 1873580  | 1872019  | 1883182  | 0.96   | cps   |
| Zinc       | 66-2  | 174637   | 175133   | 174310   | 174693   | 0.24   | cps   |
| Zirconium  | 90-1  | 11499848 | 11401956 | 11491824 | 11464543 | 0.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89506             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-14 16:02:10 | DataFile Name :   | 012ICV01.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2467475 | 2488669 | 2479080 | 2478408 | 0.43   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:05:35 DataFile Name : 013CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 283      | 250      | 283      | 272      | 7.07   | cps   |
| Antimony   | 121-1 | 14350    | 14066    | 12723    | 13713    | 6.34   | cps   |
| Arsenic    | 75-2  | 78       | 89       | 78       | 81       | 7.87   | cps   |
| Barium     | 135-1 | 83       | 167      | 125      | 125      | 33.33  | cps   |
| Barium     | 137-1 | 192      | 242      | 133      | 189      | 28.70  | cps   |
| Beryllium  | 9-1   | 22       | 78       | 56       | 52       | 53.93  | cps   |
| Bismuth    | 209-1 | 7977239  | 8058537  | 8190564  | 8075447  | 1.33   | cps   |
| Bismuth    | 209-2 | 6296612  | 6278276  | 6291343  | 6288744  | 0.15   | cps   |
| Boron      | 10-1  | 2175     | 1942     | 1800     | 1972     | 9.60   | cps   |
| Boron      | 11-1  | 10246    | 9470     | 9662     | 9792     | 4.13   | cps   |
| Cadmium    | 111-1 | 4240     | 4606     | 4368     | 4405     | 4.22   | cps   |
| Cadmium    | 106-1 | 5985     | 6477     | 6177     | 6213     | 3.99   | cps   |
| Cadmium    | 108-1 | 29       | 33       | 38       | 33       | 12.50  | cps   |
| Calcium    | 43-1  | 1534     | 1475     | 1533     | 1514     | 2.22   | cps   |
| Calcium    | 44-1  | 52110    | 51775    | 50446    | 51443    | 1.71   | cps   |
| Chromium   | 52-2  | 2227     | 2217     | 2014     | 2152     | 5.59   | cps   |
| Cobalt     | 59-2  | 120      | 117      | 150      | 129      | 14.24  | cps   |
| Copper     | 63-2  | 2517     | 2394     | 2260     | 2390     | 5.37   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 10       | 11       | 17.30  | cps   |
| Erbium     | 164-1 | 50       | 25       | 42       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 20       | 20       | 13       | 18       | 21.66  | cps   |
| Gadolinium | 160-1 | 275      | 350      | 325      | 317      | 12.06  | cps   |
| Gadolinium | 160-2 | 210      | 193      | 243      | 216      | 11.81  | cps   |
| Holmium    | 165-1 | 11919712 | 12118740 | 12121219 | 12053224 | 0.96   | cps   |
| Holmium    | 165-2 | 8096044  | 8030598  | 8037128  | 8054590  | 0.45   | cps   |
| Indium     | 115-1 | 10028641 | 10092535 | 10116181 | 10079119 | 0.45   | cps   |
| Indium     | 115-2 | 2611451  | 2596453  | 2613888  | 2607264  | 0.36   | cps   |
| Iron       | 56-2  | 13440    | 13323    | 12544    | 13102    | 3.71   | cps   |
| Iron       | 57-2  | 539      | 533      | 650      | 574      | 11.46  | cps   |
| Lead       | 206-1 | 2912     | 2900     | 2889     | 2900     | 0.38   | cps   |
| Lead       | 207-1 | 2817     | 2450     | 2328     | 2532     | 10.05  | cps   |
| Lead       | 208-1 | 12214    | 11741    | 11380    | 11778    | 3.55   | cps   |
| Lithium    | 6-1   | 487991   | 486971   | 488854   | 487939   | 0.19   | cps   |
| Magnesium  | 24-2  | 958      | 1033     | 1033     | 1008     | 4.29   | cps   |
| Manganese  | 55-2  | 127      | 83       | 127      | 112      | 22.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:05:35 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2317     | 2534     | 2075     | 2309     | 9.93   | cps   |
| Molybdenum | 95-1  | 3000     | 2650     | 2800     | 2817     | 6.23   | cps   |
| Molybdenum | 96-1  | 3392     | 3459     | 2892     | 3248     | 9.54   | cps   |
| Molybdenum | 97-1  | 1792     | 1692     | 1717     | 1734     | 3.00   | cps   |
| Molybdenum | 98-1  | 4726     | 4284     | 4343     | 4451     | 5.39   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 90       | 73       | 90       | 84       | 11.39  | cps   |
| Phosphorus | 31-2  | 333      | 333      | 342      | 336      | 1.43   | cps   |
| Potassium  | 39-2  | 55815    | 54518    | 56910    | 55748    | 2.15   | cps   |
| Rhodium    | 103-1 | 9219428  | 9268277  | 9340156  | 9275953  | 0.65   | cps   |
| Rhodium    | 103-2 | 5407110  | 5400274  | 5406060  | 5404482  | 0.07   | cps   |
| Scandium   | 45-1  | 5074724  | 5175495  | 5252234  | 5167485  | 1.72   | cps   |
| Scandium   | 45-2  | 323461   | 321185   | 322463   | 322370   | 0.35   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 130      | 148      | 94       | 124      | 21.98  | cps   |
| Selenium   | 82-1  | 187      | 103      | 177      | 156      | 29.27  | cps   |
| Silicon    | 28-1  | 248638   | 245101   | 248880   | 247540   | 0.85   | cps   |
| Silver     | 109-1 | 392      | 383      | 417      | 397      | 4.37   | cps   |
| Silver     | 107-1 | 500      | 417      | 400      | 439      | 12.21  | cps   |
| Sodium     | 23-2  | 49341    | 47493    | 48404    | 48413    | 1.91   | cps   |
| Strontium  | 86-1  | 1158     | 1125     | 1117     | 1133     | 1.95   | cps   |
| Strontium  | 88-1  | 1667     | 1517     | 1392     | 1525     | 9.03   | cps   |
| Sulfur     | 34-1  | 346021   | 351275   | 350223   | 349173   | 0.80   | cps   |
| Terbium    | 159-1 | 12494098 | 12515931 | 12555459 | 12521830 | 0.25   | cps   |
| Terbium    | 159-2 | 8095192  | 8114059  | 8109435  | 8106229  | 0.12   | cps   |
| Thallium   | 203-1 | 1558     | 1308     | 1000     | 1289     | 21.70  | cps   |
| Thallium   | 205-1 | 3259     | 2950     | 2659     | 2956     | 10.15  | cps   |
| Tin        | 118-1 | 7327     | 6619     | 6127     | 6691     | 9.02   | cps   |
| Titanium   | 47-1  | 242      | 167      | 233      | 214      | 19.22  | cps   |
| Uranium    | 238-1 | 2267     | 1483     | 1367     | 1706     | 28.70  | cps   |
| Vanadium   | 51-2  | 33       | 47       | 43       | 41       | 16.89  | cps   |
| Yttrium    | 89-1  | 9862531  | 10028368 | 9991949  | 9960949  | 0.87   | cps   |
| Yttrium    | 89-2  | 1893492  | 1885372  | 1904778  | 1894547  | 0.51   | cps   |
| Zinc       | 66-2  | 207      | 200      | 230      | 212      | 7.42   | cps   |
| Zirconium  | 90-1  | 2559     | 2542     | 2217     | 2439     | 7.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:05:35 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 458  | 433  | 333  | 408     | 16.20  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:09:02 DataFile Name : 014ICSA01.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13316847  | 13566348  | 13317102  | 13400099  | 1.07   | cps   |
| Antimony   | 121-1 | 21926     | 20858     | 20583     | 21122     | 3.36   | cps   |
| Arsenic    | 75-2  | 256       | 224       | 226       | 235       | 7.51   | cps   |
| Barium     | 135-1 | 5260      | 4726      | 5101      | 5029      | 5.45   | cps   |
| Barium     | 137-1 | 8336      | 8053      | 9003      | 8464      | 5.77   | cps   |
| Beryllium  | 9-1   | 372       | 339       | 406       | 372       | 8.96   | cps   |
| Bismuth    | 209-1 | 7701649   | 7721824   | 7911087   | 7778187   | 1.49   | cps   |
| Bismuth    | 209-2 | 5896618   | 5899696   | 5865732   | 5887349   | 0.32   | cps   |
| Boron      | 10-1  | 1333      | 1342      | 1483      | 1386      | 6.08   | cps   |
| Boron      | 11-1  | 7711      | 7636      | 7052      | 7466      | 4.83   | cps   |
| Cadmium    | 111-1 | 5713      | 5782      | 5623      | 5706      | 1.40   | cps   |
| Cadmium    | 106-1 | 6068      | 6277      | 6035      | 6127      | 2.14   | cps   |
| Cadmium    | 108-1 | 2717      | 2850      | 2913      | 2827      | 3.54   | cps   |
| Calcium    | 43-1  | 3086791   | 3126104   | 3123437   | 3112111   | 0.71   | cps   |
| Calcium    | 44-1  | 51429230  | 51723426  | 52102664  | 51751773  | 0.65   | cps   |
| Chromium   | 52-2  | 93964     | 95430     | 92462     | 93952     | 1.58   | cps   |
| Cobalt     | 59-2  | 9680      | 9437      | 9510      | 9542      | 1.31   | cps   |
| Copper     | 63-2  | 50427     | 51303     | 51808     | 51179     | 1.37   | cps   |
| Dysprosium | 156-1 | 67        | 42        | 58        | 56        | 22.91  | cps   |
| Dysprosium | 156-2 | 37        | 50        | 27        | 38        | 30.98  | cps   |
| Erbium     | 164-1 | 67        | 100       | 158       | 108       | 42.83  | cps   |
| Erbium     | 164-2 | 37        | 63        | 57        | 52        | 26.57  | cps   |
| Gadolinium | 160-1 | 233       | 233       | 342       | 269       | 23.21  | cps   |
| Gadolinium | 160-2 | 280       | 193       | 213       | 229       | 19.83  | cps   |
| Holmium    | 165-1 | 12278888  | 12399287  | 12370233  | 12349469  | 0.51   | cps   |
| Holmium    | 165-2 | 8068962   | 8068701   | 8173028   | 8103564   | 0.74   | cps   |
| Indium     | 115-1 | 9761111   | 9903255   | 9992041   | 9885469   | 1.18   | cps   |
| Indium     | 115-2 | 2524491   | 2521401   | 2524520   | 2523471   | 0.07   | cps   |
| Iron       | 56-2  | 408332542 | 405651554 | 401808109 | 405264068 | 0.81   | cps   |
| Iron       | 57-2  | 10215450  | 10330632  | 10112133  | 10219405  | 1.07   | cps   |
| Lead       | 206-1 | 55120     | 54863     | 56414     | 55466     | 1.50   | cps   |
| Lead       | 207-1 | 43945     | 44726     | 45260     | 44644     | 1.48   | cps   |
| Lead       | 208-1 | 209666    | 210470    | 214416    | 211517    | 1.20   | cps   |
| Lithium    | 6-1   | 472914    | 473838    | 476309    | 474354    | 0.37   | cps   |
| Magnesium  | 24-2  | 31267367  | 31706962  | 31322147  | 31432159  | 0.76   | cps   |
| Manganese  | 55-2  | 21897     | 21566     | 21576     | 21680     | 0.87   | cps   |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89506             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-14 16:09:02 | DataFile Name :   | 014ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7327930  | 7383393  | 7395059  | 7368794  | 0.49   | cps   |
| Molybdenum | 95-1  | 12921634 | 12937828 | 13007569 | 12955677 | 0.35   | cps   |
| Molybdenum | 96-1  | 13758654 | 13932809 | 13803143 | 13831535 | 0.65   | cps   |
| Molybdenum | 97-1  | 8099459  | 8137635  | 8153846  | 8130313  | 0.34   | cps   |
| Molybdenum | 98-1  | 20950908 | 21053727 | 20818345 | 20940993 | 0.56   | cps   |
| Neodymium  | 150-1 | 87       | 67       | 53       | 69       | 24.35  | cps   |
| Neodymium  | 150-2 | 30       | 30       | 23       | 28       | 13.86  | cps   |
| Nickel     | 60-2  | 11281    | 11251    | 11211    | 11248    | 0.31   | cps   |
| Phosphorus | 31-2  | 830599   | 828421   | 820369   | 826463   | 0.65   | cps   |
| Potassium  | 39-2  | 34295498 | 34398037 | 33915299 | 34202945 | 0.74   | cps   |
| Rhodium    | 103-1 | 8963939  | 8909875  | 8902034  | 8925282  | 0.38   | cps   |
| Rhodium    | 103-2 | 5145076  | 5142687  | 5142421  | 5143395  | 0.03   | cps   |
| Scandium   | 45-1  | 5146159  | 5178743  | 5209330  | 5178077  | 0.61   | cps   |
| Scandium   | 45-2  | 325096   | 328335   | 320972   | 324801   | 1.14   | cps   |
| Selenium   | 77-2  | 10       | 0        | 3        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 113      | 113      | 111      | 112      | 0.95   | cps   |
| Selenium   | 82-1  | 84       | 175      | 202      | 154      | 40.38  | cps   |
| Silicon    | 28-1  | 367381   | 371130   | 369345   | 369285   | 0.51   | cps   |
| Silver     | 109-1 | 1200     | 1567     | 1675     | 1481     | 16.81  | cps   |
| Silver     | 107-1 | 1325     | 1825     | 1742     | 1631     | 16.43  | cps   |
| Sodium     | 23-2  | 58377924 | 59127437 | 58439508 | 58648290 | 0.71   | cps   |
| Strontium  | 86-1  | 140573   | 138958   | 138379   | 139303   | 0.82   | cps   |
| Strontium  | 88-1  | 1208810  | 1207159  | 1231209  | 1215726  | 1.11   | cps   |
| Sulfur     | 34-1  | 3919451  | 3972100  | 3996002  | 3962518  | 0.99   | cps   |
| Terbium    | 159-1 | 12750791 | 12787662 | 13018417 | 12852290 | 1.13   | cps   |
| Terbium    | 159-2 | 8201895  | 8091162  | 8019255  | 8104104  | 1.14   | cps   |
| Thallium   | 203-1 | 2125     | 2242     | 2359     | 2242     | 5.21   | cps   |
| Thallium   | 205-1 | 5376     | 5435     | 5426     | 5412     | 0.58   | cps   |
| Tin        | 118-1 | 5285     | 4793     | 4376     | 4818     | 9.44   | cps   |
| Titanium   | 47-1  | 3036076  | 3065009  | 3073100  | 3058061  | 0.64   | cps   |
| Uranium    | 238-1 | 1167     | 1233     | 1217     | 1206     | 2.88   | cps   |
| Vanadium   | 51-2  | 630      | 673      | 630      | 644      | 3.88   | cps   |
| Yttrium    | 89-1  | 10005462 | 9893796  | 10117109 | 10005456 | 1.12   | cps   |
| Yttrium    | 89-2  | 1886897  | 1880173  | 1868946  | 1878672  | 0.48   | cps   |
| Zinc       | 66-2  | 10187    | 9800     | 10130    | 10039    | 2.08   | cps   |
| Zirconium  | 90-1  | 12740    | 10838    | 9353     | 10977    | 15.46  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB89506             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2017-08-14 16:09:02 | DataFile Name :   | 014ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2700 | 2375 | 2150 | 2409    | 11.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13319953  | 13491708  | 13578559  | 13463407  | 0.98   | cps   |
| Antimony   | 121-1 | 299868    | 300170    | 301714    | 300584    | 0.33   | cps   |
| Arsenic    | 75-2  | 11935     | 12138     | 12009     | 12027     | 0.86   | cps   |
| Barium     | 135-1 | 69282     | 72070     | 69801     | 70384     | 2.11   | cps   |
| Barium     | 137-1 | 123662    | 125008    | 122135    | 123602    | 1.16   | cps   |
| Beryllium  | 9-1   | 21232     | 20776     | 21605     | 21204     | 1.96   | cps   |
| Bismuth    | 209-1 | 7910013   | 7971781   | 7896035   | 7925943   | 0.51   | cps   |
| Bismuth    | 209-2 | 5835649   | 5900238   | 5900066   | 5878651   | 0.63   | cps   |
| Boron      | 10-1  | 7194      | 7644      | 7369      | 7402      | 3.07   | cps   |
| Boron      | 11-1  | 37924     | 39051     | 40012     | 38996     | 2.68   | cps   |
| Cadmium    | 111-1 | 76605     | 76530     | 76599     | 76578     | 0.05   | cps   |
| Cadmium    | 106-1 | 15534     | 15442     | 15392     | 15456     | 0.47   | cps   |
| Cadmium    | 108-1 | 8482      | 8282      | 8169      | 8311      | 1.91   | cps   |
| Calcium    | 43-1  | 3102893   | 3135144   | 3144405   | 3127481   | 0.70   | cps   |
| Calcium    | 44-1  | 51723584  | 52160894  | 52120871  | 52001783  | 0.46   | cps   |
| Chromium   | 52-2  | 186432    | 186962    | 189262    | 187552    | 0.80   | cps   |
| Cobalt     | 59-2  | 166281    | 167363    | 167423    | 167022    | 0.38   | cps   |
| Copper     | 63-2  | 166394    | 167824    | 168737    | 167651    | 0.70   | cps   |
| Dysprosium | 156-1 | 42        | 75        | 67        | 61        | 28.38  | cps   |
| Dysprosium | 156-2 | 17        | 23        | 33        | 24        | 34.31  | cps   |
| Erbium     | 164-1 | 100       | 83        | 92        | 92        | 9.09   | cps   |
| Erbium     | 164-2 | 60        | 43        | 57        | 53        | 16.54  | cps   |
| Gadolinium | 160-1 | 258       | 225       | 267       | 250       | 8.82   | cps   |
| Gadolinium | 160-2 | 203       | 217       | 223       | 214       | 4.75   | cps   |
| Holmium    | 165-1 | 12701976  | 12497967  | 12633745  | 12611229  | 0.82   | cps   |
| Holmium    | 165-2 | 8145776   | 8137186   | 8171772   | 8151578   | 0.22   | cps   |
| Indium     | 115-1 | 10155314  | 10195674  | 10294242  | 10215077  | 0.70   | cps   |
| Indium     | 115-2 | 2511239   | 2543031   | 2537917   | 2530729   | 0.67   | cps   |
| Iron       | 56-2  | 404886420 | 407819587 | 408489709 | 407065239 | 0.47   | cps   |
| Iron       | 57-2  | 10158646  | 10315540  | 10298003  | 10257396  | 0.84   | cps   |
| Lead       | 206-1 | 266537    | 270830    | 268022    | 268463    | 0.81   | cps   |
| Lead       | 207-1 | 224553    | 225960    | 226191    | 225568    | 0.39   | cps   |
| Lead       | 208-1 | 1040718   | 1051764   | 1043140   | 1045207   | 0.56   | cps   |
| Lithium    | 6-1   | 451221    | 457169    | 463175    | 457188    | 1.31   | cps   |
| Magnesium  | 24-2  | 31207134  | 31491822  | 31718850  | 31472602  | 0.81   | cps   |
| Manganese  | 55-2  | 76880     | 77141     | 76705     | 76909     | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7981926  | 8106123  | 8141771  | 8076607  | 1.04   | cps   |
| Molybdenum | 95-1  | 13176751 | 13447003 | 13653714 | 13425823 | 1.78   | cps   |
| Molybdenum | 96-1  | 14308966 | 14518563 | 14541942 | 14456490 | 0.89   | cps   |
| Molybdenum | 97-1  | 8447624  | 8437788  | 8504179  | 8463197  | 0.42   | cps   |
| Molybdenum | 98-1  | 21675108 | 21834879 | 21948655 | 21819547 | 0.63   | cps   |
| Neodymium  | 150-1 | 67       | 67       | 47       | 60       | 19.24  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 30       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 53089    | 53176    | 53905    | 53390    | 0.84   | cps   |
| Phosphorus | 31-2  | 824230   | 835900   | 836713   | 832281   | 0.84   | cps   |
| Potassium  | 39-2  | 34507046 | 34808195 | 34669724 | 34661655 | 0.43   | cps   |
| Rhodium    | 103-1 | 9073892  | 9073559  | 9163046  | 9103499  | 0.57   | cps   |
| Rhodium    | 103-2 | 5135171  | 5181390  | 5195400  | 5170654  | 0.61   | cps   |
| Scandium   | 45-1  | 5161443  | 5202712  | 5183074  | 5182410  | 0.40   | cps   |
| Scandium   | 45-2  | 325159   | 329972   | 329655   | 328262   | 0.82   | cps   |
| Selenium   | 77-2  | 210      | 247      | 250      | 236      | 9.42   | cps   |
| Selenium   | 78-2  | 933      | 963      | 1028     | 975      | 4.96   | cps   |
| Selenium   | 82-1  | 4361     | 4465     | 4419     | 4415     | 1.18   | cps   |
| Silicon    | 28-1  | 671569   | 675747   | 669947   | 672421   | 0.44   | cps   |
| Silver     | 109-1 | 310033   | 307801   | 311724   | 309853   | 0.64   | cps   |
| Silver     | 107-1 | 321408   | 324186   | 326188   | 323927   | 0.74   | cps   |
| Sodium     | 23-2  | 58685012 | 58923847 | 59497410 | 59035423 | 0.71   | cps   |
| Strontium  | 86-1  | 346784   | 344914   | 349785   | 347161   | 0.71   | cps   |
| Strontium  | 88-1  | 3000525  | 3010029  | 3036517  | 3015690  | 0.62   | cps   |
| Sulfur     | 34-1  | 3883174  | 3958875  | 3971285  | 3937778  | 1.21   | cps   |
| Terbium    | 159-1 | 12869712 | 12996393 | 13105132 | 12990412 | 0.91   | cps   |
| Terbium    | 159-2 | 8116642  | 8180487  | 8122135  | 8139755  | 0.43   | cps   |
| Thallium   | 203-1 | 265402   | 260818   | 263980   | 263400   | 0.89   | cps   |
| Thallium   | 205-1 | 630653   | 627584   | 631827   | 630021   | 0.35   | cps   |
| Tin        | 118-1 | 550530   | 555753   | 557240   | 554508   | 0.64   | cps   |
| Titanium   | 47-1  | 3092972  | 3116541  | 3120430  | 3109981  | 0.48   | cps   |
| Uranium    | 238-1 | 2206378  | 2217992  | 2229461  | 2217944  | 0.52   | cps   |
| Vanadium   | 51-2  | 75573    | 76343    | 76477    | 76131    | 0.64   | cps   |
| Yttrium    | 89-1  | 10199107 | 10182709 | 10326313 | 10236043 | 0.77   | cps   |
| Yttrium    | 89-2  | 1869025  | 1899484  | 1884965  | 1884492  | 0.81   | cps   |
| Zinc       | 66-2  | 26384    | 26788    | 26828    | 26667    | 0.92   | cps   |
| Zirconium  | 90-1  | 1133552  | 1143785  | 1160705  | 1146014  | 1.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:12:25 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 251590 | 256520 | 260464 | 256191  | 1.74   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7686650   | 7826233   | 7813586   | 7775489   | 0.99   | cps   |
| Antimony   | 121-1 | 7401724   | 7444343   | 7390197   | 7412088   | 0.38   | cps   |
| Arsenic    | 75-2  | 307434    | 308220    | 309179    | 308278    | 0.28   | cps   |
| Barium     | 135-1 | 8511588   | 8589144   | 8501244   | 8533992   | 0.56   | cps   |
| Barium     | 137-1 | 14781953  | 14880510  | 14876247  | 14846236  | 0.38   | cps   |
| Beryllium  | 9-1   | 527955    | 536251    | 530689    | 531632    | 0.80   | cps   |
| Bismuth    | 209-1 | 7639334   | 7764237   | 7604931   | 7669501   | 1.09   | cps   |
| Bismuth    | 209-2 | 5711200   | 5781370   | 5776668   | 5756413   | 0.68   | cps   |
| Boron      | 10-1  | 63836     | 66522     | 65275     | 65211     | 2.06   | cps   |
| Boron      | 11-1  | 340181    | 347478    | 343944    | 343868    | 1.06   | cps   |
| Cadmium    | 111-1 | 1729308   | 1742372   | 1722814   | 1731498   | 0.58   | cps   |
| Cadmium    | 106-1 | 195779    | 192880    | 193302    | 193987    | 0.81   | cps   |
| Cadmium    | 108-1 | 126164    | 128568    | 126047    | 126926    | 1.12   | cps   |
| Calcium    | 43-1  | 8315089   | 8359554   | 8225785   | 8300143   | 0.82   | cps   |
| Calcium    | 44-1  | 134501682 | 135726891 | 133125636 | 134451403 | 0.97   | cps   |
| Chromium   | 52-2  | 2404090   | 2421737   | 2418298   | 2414708   | 0.39   | cps   |
| Cobalt     | 59-2  | 3909266   | 3911791   | 3922777   | 3914611   | 0.18   | cps   |
| Copper     | 63-2  | 5555602   | 5569150   | 5626798   | 5583850   | 0.68   | cps   |
| Dysprosium | 156-1 | 383       | 233       | 275       | 297       | 26.05  | cps   |
| Dysprosium | 156-2 | 247       | 257       | 227       | 243       | 6.28   | cps   |
| Erbium     | 164-1 | 175       | 100       | 100       | 125       | 34.64  | cps   |
| Erbium     | 164-2 | 60        | 100       | 100       | 87        | 26.65  | cps   |
| Gadolinium | 160-1 | 400       | 542       | 408       | 450       | 17.66  | cps   |
| Gadolinium | 160-2 | 283       | 310       | 257       | 283       | 9.41   | cps   |
| Holmium    | 165-1 | 12480646  | 12548832  | 12489946  | 12506475  | 0.30   | cps   |
| Holmium    | 165-2 | 8089840   | 8123854   | 8098621   | 8104105   | 0.22   | cps   |
| Indium     | 115-1 | 9779072   | 9973197   | 9862805   | 9871691   | 0.99   | cps   |
| Indium     | 115-2 | 2465550   | 2484569   | 2462754   | 2470957   | 0.48   | cps   |
| Iron       | 56-2  | 520493289 | 525672690 | 524899245 | 523688408 | 0.53   | cps   |
| Iron       | 57-2  | 13051307  | 13110893  | 13168779  | 13110326  | 0.45   | cps   |
| Lead       | 206-1 | 5215777   | 5212334   | 5155855   | 5194655   | 0.65   | cps   |
| Lead       | 207-1 | 4705690   | 4749941   | 4654758   | 4703463   | 1.01   | cps   |
| Lead       | 208-1 | 21500828  | 21612561  | 21153885  | 21422425  | 1.12   | cps   |
| Lithium    | 6-1   | 435602    | 432157    | 440430    | 436063    | 0.95   | cps   |
| Magnesium  | 24-2  | 84030785  | 84388808  | 84479500  | 84299698  | 0.28   | cps   |
| Manganese  | 55-2  | 2787440   | 2815476   | 2810590   | 2804502   | 0.53   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 6533513   | 6655945   | 6565759   | 6585072   | 0.96   | cps   |
| Molybdenum | 95-1  | 3342316   | 3391596   | 3369830   | 3367914   | 0.73   | cps   |
| Molybdenum | 96-1  | 4284795   | 4343027   | 4328206   | 4318676   | 0.70   | cps   |
| Molybdenum | 97-1  | 2085216   | 2114071   | 2098147   | 2099144   | 0.69   | cps   |
| Molybdenum | 98-1  | 5665240   | 5711648   | 5708647   | 5695178   | 0.46   | cps   |
| Neodymium  | 150-1 | 760       | 813       | 827       | 800       | 4.41   | cps   |
| Neodymium  | 150-2 | 250       | 237       | 253       | 247       | 3.58   | cps   |
| Nickel     | 60-2  | 1045112   | 1051903   | 1046938   | 1047984   | 0.34   | cps   |
| Phosphorus | 31-2  | 89284     | 90038     | 90138     | 89820     | 0.52   | cps   |
| Potassium  | 39-2  | 45376346  | 46446233  | 46153961  | 45992180  | 1.20   | cps   |
| Rhodium    | 103-1 | 8894990   | 8953358   | 8770667   | 8873005   | 1.05   | cps   |
| Rhodium    | 103-2 | 5039006   | 5070283   | 5023837   | 5044375   | 0.47   | cps   |
| Scandium   | 45-1  | 5210060   | 5263846   | 5193143   | 5222350   | 0.71   | cps   |
| Scandium   | 45-2  | 335975    | 338320    | 337491    | 337262    | 0.35   | cps   |
| Selenium   | 77-2  | 6291      | 6715      | 6315      | 6440      | 3.70   | cps   |
| Selenium   | 78-2  | 22681     | 21868     | 22141     | 22230     | 1.86   | cps   |
| Selenium   | 82-1  | 104703    | 105575    | 104792    | 105024    | 0.46   | cps   |
| Silicon    | 28-1  | 3521726   | 3586040   | 3545865   | 3551210   | 0.91   | cps   |
| Silver     | 109-1 | 8223808   | 8195904   | 8153704   | 8191139   | 0.43   | cps   |
| Silver     | 107-1 | 8619974   | 8598662   | 8558241   | 8592292   | 0.36   | cps   |
| Sodium     | 23-2  | 153486920 | 152445320 | 154340545 | 153424262 | 0.62   | cps   |
| Strontium  | 86-1  | 2207373   | 2203578   | 2179039   | 2196664   | 0.70   | cps   |
| Strontium  | 88-1  | 19812160  | 19919638  | 19835585  | 19855795  | 0.28   | cps   |
| Sulfur     | 34-1  | 814664    | 826930    | 818237    | 819944    | 0.77   | cps   |
| Terbium    | 159-1 | 13048817  | 12983576  | 12820461  | 12950952  | 0.91   | cps   |
| Terbium    | 159-2 | 8128564   | 8173598   | 8159500   | 8153887   | 0.28   | cps   |
| Thallium   | 203-1 | 6409562   | 6433593   | 6403329   | 6415495   | 0.25   | cps   |
| Thallium   | 205-1 | 15602670  | 15532116  | 15469493  | 15534760  | 0.43   | cps   |
| Tin        | 118-1 | 5552242   | 5586032   | 5567894   | 5568723   | 0.30   | cps   |
| Titanium   | 47-1  | 813059    | 813999    | 809427    | 812161    | 0.30   | cps   |
| Uranium    | 238-1 | 23386927  | 23392046  | 23283538  | 23354170  | 0.26   | cps   |
| Vanadium   | 51-2  | 1972398   | 1990779   | 1986872   | 1983350   | 0.49   | cps   |
| Yttrium    | 89-1  | 10143035  | 10167949  | 10263957  | 10191647  | 0.63   | cps   |
| Yttrium    | 89-2  | 1893455   | 1894869   | 1896869   | 1895064   | 0.09   | cps   |
| Zinc       | 66-2  | 863367    | 860872    | 865339    | 863193    | 0.26   | cps   |
| Zirconium  | 90-1  | 12417356  | 12529726  | 12371030  | 12439371  | 0.66   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89506             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV98               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV98               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-14 16:15:48 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2632792 | 2678371 | 2666649 | 2659271 | 0.89   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 275      | 317      | 300      | 297      | 7.06   | cps   |
| Antimony   | 121-1 | 23529    | 21759    | 19890    | 21726    | 8.38   | cps   |
| Arsenic    | 75-2  | 76       | 89       | 76       | 80       | 9.32   | cps   |
| Barium     | 135-1 | 825      | 450      | 267      | 514      | 55.38  | cps   |
| Barium     | 137-1 | 1533     | 867      | 583      | 995      | 49.05  | cps   |
| Beryllium  | 9-1   | 117      | 67       | 83       | 89       | 28.64  | cps   |
| Bismuth    | 209-1 | 8588886  | 8456422  | 8404146  | 8483151  | 1.12   | cps   |
| Bismuth    | 209-2 | 6330164  | 6303961  | 6320569  | 6318231  | 0.21   | cps   |
| Boron      | 10-1  | 1775     | 1759     | 1508     | 1681     | 8.89   | cps   |
| Boron      | 11-1  | 9120     | 8928     | 7869     | 8639     | 7.80   | cps   |
| Cadmium    | 111-1 | 4877     | 4482     | 4384     | 4581     | 5.70   | cps   |
| Cadmium    | 106-1 | 6619     | 6202     | 6018     | 6279     | 4.90   | cps   |
| Cadmium    | 108-1 | 50       | 38       | 29       | 39       | 26.96  | cps   |
| Calcium    | 43-1  | 2067     | 1709     | 1617     | 1797     | 13.23  | cps   |
| Calcium    | 44-1  | 63973    | 60617    | 57530    | 60707    | 5.31   | cps   |
| Chromium   | 52-2  | 2104     | 2257     | 2157     | 2172     | 3.58   | cps   |
| Cobalt     | 59-2  | 163      | 150      | 137      | 150      | 8.89   | cps   |
| Copper     | 63-2  | 3841     | 4161     | 3811     | 3937     | 4.93   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 33       | 42       | 67       | 47       | 36.73  | cps   |
| Erbium     | 164-2 | 17       | 27       | 40       | 28       | 42.13  | cps   |
| Gadolinium | 160-1 | 158      | 208      | 192      | 186      | 13.68  | cps   |
| Gadolinium | 160-2 | 210      | 187      | 173      | 190      | 9.77   | cps   |
| Holmium    | 165-1 | 12978650 | 12697120 | 12642176 | 12772649 | 1.41   | cps   |
| Holmium    | 165-2 | 8278293  | 8271787  | 8218165  | 8256082  | 0.40   | cps   |
| Indium     | 115-1 | 10841174 | 10715530 | 10609229 | 10721978 | 1.08   | cps   |
| Indium     | 115-2 | 2672201  | 2635496  | 2632315  | 2646671  | 0.84   | cps   |
| Iron       | 56-2  | 24198    | 22251    | 20370    | 22273    | 8.59   | cps   |
| Iron       | 57-2  | 839      | 817      | 700      | 785      | 9.50   | cps   |
| Lead       | 206-1 | 4106     | 3806     | 3695     | 3869     | 5.50   | cps   |
| Lead       | 207-1 | 3840     | 3667     | 3606     | 3704     | 3.27   | cps   |
| Lead       | 208-1 | 16882    | 16071    | 15587    | 16180    | 4.04   | cps   |
| Lithium    | 6-1   | 465040   | 449183   | 450602   | 454941   | 1.93   | cps   |
| Magnesium  | 24-2  | 1834     | 1500     | 1517     | 1617     | 11.62  | cps   |
| Manganese  | 55-2  | 187      | 147      | 153      | 162      | 13.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4559     | 4326     | 4042     | 4309     | 6.01   | cps   |
| Molybdenum | 95-1  | 5151     | 4434     | 3892     | 4493     | 14.05  | cps   |
| Molybdenum | 96-1  | 5168     | 4893     | 4551     | 4870     | 6.35   | cps   |
| Molybdenum | 97-1  | 3559     | 2917     | 2642     | 3039     | 15.48  | cps   |
| Molybdenum | 98-1  | 8595     | 7127     | 6652     | 7458     | 13.58  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 87       | 87       | 110      | 94       | 14.26  | cps   |
| Phosphorus | 31-2  | 417      | 358      | 458      | 411      | 12.22  | cps   |
| Potassium  | 39-2  | 67597    | 65989    | 65361    | 66316    | 1.74   | cps   |
| Rhodium    | 103-1 | 9981467  | 9699779  | 9806786  | 9829344  | 1.45   | cps   |
| Rhodium    | 103-2 | 5522253  | 5538682  | 5519589  | 5526841  | 0.19   | cps   |
| Scandium   | 45-1  | 5438565  | 5294301  | 5321348  | 5351405  | 1.43   | cps   |
| Scandium   | 45-2  | 338186   | 333874   | 334153   | 335404   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 122      | 120      | 123      | 3.12   | cps   |
| Selenium   | 82-1  | 149      | 227      | 123      | 166      | 32.57  | cps   |
| Silicon    | 28-1  | 242766   | 241888   | 236440   | 240365   | 1.43   | cps   |
| Silver     | 109-1 | 1525     | 1283     | 1033     | 1281     | 19.20  | cps   |
| Silver     | 107-1 | 1875     | 1275     | 1017     | 1389     | 31.71  | cps   |
| Sodium     | 23-2  | 69604    | 69403    | 67753    | 68920    | 1.47   | cps   |
| Strontium  | 86-1  | 1217     | 1067     | 1092     | 1125     | 7.14   | cps   |
| Strontium  | 88-1  | 2325     | 1975     | 1442     | 1914     | 23.24  | cps   |
| Sulfur     | 34-1  | 352048   | 354617   | 349879   | 352181   | 0.67   | cps   |
| Terbium    | 159-1 | 13497287 | 13160741 | 13015546 | 13224525 | 1.87   | cps   |
| Terbium    | 159-2 | 8335891  | 8278231  | 8277357  | 8297160  | 0.40   | cps   |
| Thallium   | 203-1 | 3126     | 2884     | 2425     | 2812     | 12.65  | cps   |
| Thallium   | 205-1 | 7561     | 6935     | 5785     | 6760     | 13.33  | cps   |
| Tin        | 118-1 | 6669     | 5943     | 6152     | 6254     | 5.97   | cps   |
| Titanium   | 47-1  | 317      | 300      | 350      | 322      | 7.90   | cps   |
| Uranium    | 238-1 | 2550     | 1850     | 1208     | 1870     | 35.90  | cps   |
| Vanadium   | 51-2  | 80       | 67       | 57       | 68       | 17.27  | cps   |
| Yttrium    | 89-1  | 10613171 | 10473142 | 10395236 | 10493850 | 1.05   | cps   |
| Yttrium    | 89-2  | 1929016  | 1948237  | 1917835  | 1931696  | 0.80   | cps   |
| Zinc       | 66-2  | 353      | 357      | 303      | 338      | 8.85   | cps   |
| Zirconium  | 90-1  | 4651     | 4184     | 4251     | 4362     | 5.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB98               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB98               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:19:13 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1000 | 992  | 925  | 972     | 4.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2709     | 2617     | 2467     | 2598     | 4.70   | cps   |
| Antimony   | 121-1 | 29056    | 29649    | 28730    | 29145    | 1.60   | cps   |
| Arsenic    | 75-2  | 526      | 532      | 619      | 559      | 9.30   | cps   |
| Barium     | 135-1 | 25883    | 26977    | 26342    | 26401    | 2.08   | cps   |
| Barium     | 137-1 | 46521    | 46312    | 46003    | 46279    | 0.56   | cps   |
| Beryllium  | 9-1   | 1039     | 967      | 1039     | 1015     | 4.11   | cps   |
| Bismuth    | 209-1 | 8488709  | 8448528  | 8368397  | 8435211  | 0.73   | cps   |
| Bismuth    | 209-2 | 6311509  | 6308552  | 6277596  | 6299219  | 0.30   | cps   |
| Boron      | 10-1  | 3284     | 3226     | 3501     | 3337     | 4.34   | cps   |
| Boron      | 11-1  | 17953    | 18145    | 17986    | 18028    | 0.57   | cps   |
| Cadmium    | 111-1 | 7348     | 7541     | 7356     | 7415     | 1.47   | cps   |
| Cadmium    | 106-1 | 6502     | 6719     | 6327     | 6516     | 3.01   | cps   |
| Cadmium    | 108-1 | 267      | 250      | 271      | 263      | 4.20   | cps   |
| Calcium    | 43-1  | 13815    | 13457    | 14307    | 13860    | 3.08   | cps   |
| Calcium    | 44-1  | 265680   | 259588   | 260728   | 261999   | 1.24   | cps   |
| Chromium   | 52-2  | 10861    | 10928    | 10774    | 10854    | 0.71   | cps   |
| Cobalt     | 59-2  | 6785     | 6765     | 6568     | 6706     | 1.79   | cps   |
| Copper     | 63-2  | 14434    | 14027    | 14724    | 14395    | 2.43   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 0        | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 67       | 83       | 67       | 72       | 13.33  | cps   |
| Erbium     | 164-2 | 53       | 37       | 27       | 39       | 34.63  | cps   |
| Gadolinium | 160-1 | 150      | 267      | 225      | 214      | 27.64  | cps   |
| Gadolinium | 160-2 | 197      | 240      | 203      | 213      | 10.94  | cps   |
| Holmium    | 165-1 | 12736309 | 12927111 | 13001466 | 12888295 | 1.06   | cps   |
| Holmium    | 165-2 | 8235607  | 8381148  | 8241089  | 8285948  | 1.00   | cps   |
| Indium     | 115-1 | 10829081 | 10765444 | 10748424 | 10780983 | 0.39   | cps   |
| Indium     | 115-2 | 2686660  | 2682659  | 2685087  | 2684802  | 0.08   | cps   |
| Iron       | 56-2  | 184389   | 184671   | 182780   | 183947   | 0.55   | cps   |
| Iron       | 57-2  | 4523     | 4912     | 4768     | 4734     | 4.15   | cps   |
| Lead       | 206-1 | 17907    | 18508    | 19259    | 18558    | 3.65   | cps   |
| Lead       | 207-1 | 16511    | 16466    | 16444    | 16474    | 0.21   | cps   |
| Lead       | 208-1 | 73236    | 75609    | 74783    | 74543    | 1.62   | cps   |
| Lithium    | 6-1   | 442950   | 447929   | 441764   | 444214   | 0.74   | cps   |
| Magnesium  | 24-2  | 127371   | 130179   | 128707   | 128753   | 1.09   | cps   |
| Manganese  | 55-2  | 2350     | 2427     | 2524     | 2434     | 3.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 23737    | 24288    | 24489    | 24171    | 1.61   | cps   |
| Molybdenum | 95-1  | 28513    | 27377    | 28721    | 28204    | 2.56   | cps   |
| Molybdenum | 96-1  | 31410    | 32363    | 31110    | 31628    | 2.07   | cps   |
| Molybdenum | 97-1  | 17320    | 17094    | 17461    | 17292    | 1.07   | cps   |
| Molybdenum | 98-1  | 45381    | 45758    | 45022    | 45387    | 0.81   | cps   |
| Neodymium  | 150-1 | 0        | 20       | 7        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1950     | 2107     | 1967     | 2008     | 4.29   | cps   |
| Phosphorus | 31-2  | 408      | 492      | 458      | 453      | 9.26   | cps   |
| Potassium  | 39-2  | 207753   | 202158   | 202952   | 204288   | 1.48   | cps   |
| Rhodium    | 103-1 | 9995532  | 10028387 | 9944453  | 9989457  | 0.42   | cps   |
| Rhodium    | 103-2 | 5590030  | 5611762  | 5550057  | 5583950  | 0.56   | cps   |
| Scandium   | 45-1  | 5330941  | 5336686  | 5373550  | 5347059  | 0.43   | cps   |
| Scandium   | 45-2  | 337438   | 338519   | 335257   | 337071   | 0.49   | cps   |
| Selenium   | 77-2  | 57       | 67       | 70       | 64       | 10.76  | cps   |
| Selenium   | 78-2  | 333      | 350      | 270      | 318      | 13.21  | cps   |
| Selenium   | 82-1  | 1147     | 1057     | 1015     | 1073     | 6.29   | cps   |
| Silicon    | 28-1  | 280493   | 279967   | 276470   | 278977   | 0.78   | cps   |
| Silver     | 109-1 | 18246    | 17971    | 19030    | 18416    | 2.99   | cps   |
| Silver     | 107-1 | 18663    | 19306    | 18847    | 18939    | 1.75   | cps   |
| Sodium     | 23-2  | 302170   | 303022   | 297909   | 301033   | 0.91   | cps   |
| Strontium  | 86-1  | 4568     | 4559     | 4959     | 4695     | 4.87   | cps   |
| Strontium  | 88-1  | 32956    | 31118    | 31118    | 31730    | 3.34   | cps   |
| Sulfur     | 34-1  | 358021   | 356013   | 368375   | 360803   | 1.84   | cps   |
| Terbium    | 159-1 | 13247098 | 13299342 | 13182249 | 13242896 | 0.44   | cps   |
| Terbium    | 159-2 | 8488672  | 8419185  | 8273758  | 8393872  | 1.31   | cps   |
| Thallium   | 203-1 | 12773    | 12190    | 13391    | 12785    | 4.70   | cps   |
| Thallium   | 205-1 | 29801    | 29634    | 29200    | 29545    | 1.05   | cps   |
| Tin        | 118-1 | 48878    | 48468    | 47891    | 48413    | 1.02   | cps   |
| Titanium   | 47-1  | 6585     | 7085     | 6985     | 6885     | 3.84   | cps   |
| Uranium    | 238-1 | 37062    | 36536    | 34923    | 36174    | 3.08   | cps   |
| Vanadium   | 51-2  | 15412    | 16209    | 16192    | 15938    | 2.86   | cps   |
| Yttrium    | 89-1  | 10638737 | 10599140 | 10628097 | 10621991 | 0.19   | cps   |
| Yttrium    | 89-2  | 1945465  | 1967059  | 1942105  | 1951543  | 0.69   | cps   |
| Zinc       | 66-2  | 1873     | 1880     | 1813     | 1856     | 1.98   | cps   |
| Zirconium  | 90-1  | 23203    | 23178    | 22969    | 23117    | 0.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:22:39 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 5093 | 5276 | 5251 | 5207    | 1.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1817     | 2042     | 2059     | 1972     | 6.84   | cps   |
| Antimony   | 121-1 | 18888    | 19848    | 18772    | 19169    | 3.08   | cps   |
| Arsenic    | 75-2  | 389      | 393      | 393      | 391      | 0.55   | cps   |
| Barium     | 135-1 | 19907    | 19356    | 19423    | 19562    | 1.54   | cps   |
| Barium     | 137-1 | 34694    | 35087    | 34176    | 34653    | 1.32   | cps   |
| Beryllium  | 9-1   | 739      | 711      | 606      | 685      | 10.27  | cps   |
| Bismuth    | 209-1 | 8438663  | 8315179  | 8397490  | 8383778  | 0.75   | cps   |
| Bismuth    | 209-2 | 6162562  | 6169909  | 6143139  | 6158537  | 0.22   | cps   |
| Boron      | 10-1  | 2309     | 2259     | 2659     | 2409     | 9.05   | cps   |
| Boron      | 11-1  | 12314    | 11463    | 12105    | 11961    | 3.71   | cps   |
| Cadmium    | 111-1 | 6691     | 6211     | 6418     | 6440     | 3.74   | cps   |
| Cadmium    | 106-1 | 6418     | 5927     | 6152     | 6166     | 3.99   | cps   |
| Cadmium    | 108-1 | 133      | 221      | 179      | 178      | 24.62  | cps   |
| Calcium    | 43-1  | 10654    | 11363    | 11505    | 11174    | 4.08   | cps   |
| Calcium    | 44-1  | 210028   | 211256   | 208492   | 209925   | 0.66   | cps   |
| Chromium   | 52-2  | 8426     | 8806     | 8409     | 8547     | 2.63   | cps   |
| Cobalt     | 59-2  | 4931     | 5081     | 5118     | 5043     | 1.96   | cps   |
| Copper     | 63-2  | 11111    | 10968    | 11028    | 11035    | 0.65   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 92       | 50       | 33       | 58       | 51.51  | cps   |
| Erbium     | 164-2 | 23       | 30       | 50       | 34       | 40.30  | cps   |
| Gadolinium | 160-1 | 242      | 208      | 258      | 236      | 10.78  | cps   |
| Gadolinium | 160-2 | 160      | 180      | 150      | 163      | 9.35   | cps   |
| Holmium    | 165-1 | 12793458 | 12667906 | 12478258 | 12646541 | 1.25   | cps   |
| Holmium    | 165-2 | 8239763  | 8172706  | 8116856  | 8176442  | 0.75   | cps   |
| Indium     | 115-1 | 10670312 | 10552781 | 10543067 | 10588720 | 0.67   | cps   |
| Indium     | 115-2 | 2615556  | 2611185  | 2619781  | 2615507  | 0.16   | cps   |
| Iron       | 56-2  | 137695   | 137790   | 136344   | 137276   | 0.59   | cps   |
| Iron       | 57-2  | 3506     | 3806     | 3706     | 3673     | 4.16   | cps   |
| Lead       | 206-1 | 11188    | 12434    | 13229    | 12284    | 8.37   | cps   |
| Lead       | 207-1 | 10727    | 11133    | 11339    | 11066    | 2.81   | cps   |
| Lead       | 208-1 | 47657    | 50311    | 52464    | 50144    | 4.80   | cps   |
| Lithium    | 6-1   | 417561   | 417721   | 411812   | 415698   | 0.81   | cps   |
| Magnesium  | 24-2  | 98615    | 99731    | 98759    | 99035    | 0.61   | cps   |
| Manganese  | 55-2  | 2027     | 1930     | 1930     | 1962     | 2.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 17803    | 18037    | 17336    | 17726    | 2.01   | cps   |
| Molybdenum | 95-1  | 20031    | 20607    | 20599    | 20413    | 1.62   | cps   |
| Molybdenum | 96-1  | 22661    | 22677    | 22252    | 22530    | 1.07   | cps   |
| Molybdenum | 97-1  | 12489    | 12940    | 12798    | 12742    | 1.81   | cps   |
| Molybdenum | 98-1  | 32989    | 32956    | 33607    | 33184    | 1.11   | cps   |
| Neodymium  | 150-1 | 13       | 13       | 7        | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1570     | 1563     | 1523     | 1552     | 1.63   | cps   |
| Phosphorus | 31-2  | 458      | 467      | 408      | 444      | 7.10   | cps   |
| Potassium  | 39-2  | 164418   | 164401   | 165716   | 164845   | 0.46   | cps   |
| Rhodium    | 103-1 | 9878671  | 9773179  | 9784225  | 9812025  | 0.59   | cps   |
| Rhodium    | 103-2 | 5455904  | 5492700  | 5470849  | 5473151  | 0.34   | cps   |
| Scandium   | 45-1  | 5302257  | 5205537  | 5294240  | 5267345  | 1.02   | cps   |
| Scandium   | 45-2  | 331745   | 333336   | 333741   | 332941   | 0.32   | cps   |
| Selenium   | 77-2  | 53       | 37       | 40       | 43       | 20.34  | cps   |
| Selenium   | 78-2  | 239      | 252      | 215      | 235      | 7.99   | cps   |
| Selenium   | 82-1  | 818      | 910      | 763      | 831      | 8.96   | cps   |
| Silicon    | 28-1  | 265142   | 263599   | 261653   | 263465   | 0.66   | cps   |
| Silver     | 109-1 | 13440    | 13415    | 13482    | 13446    | 0.25   | cps   |
| Silver     | 107-1 | 14717    | 14600    | 13874    | 14397    | 3.17   | cps   |
| Sodium     | 23-2  | 229710   | 226554   | 228253   | 228172   | 0.69   | cps   |
| Strontium  | 86-1  | 3951     | 3442     | 3534     | 3642     | 7.44   | cps   |
| Strontium  | 88-1  | 25165    | 23178    | 24421    | 24255    | 4.14   | cps   |
| Sulfur     | 34-1  | 382195   | 380826   | 379408   | 380810   | 0.37   | cps   |
| Terbium    | 159-1 | 13269671 | 12954174 | 13022140 | 13081995 | 1.27   | cps   |
| Terbium    | 159-2 | 8178136  | 8219297  | 8151926  | 8183119  | 0.42   | cps   |
| Thallium   | 203-1 | 8895     | 8520     | 8728     | 8714     | 2.16   | cps   |
| Thallium   | 205-1 | 20942    | 20809    | 20892    | 20881    | 0.32   | cps   |
| Tin        | 118-1 | 36532    | 37134    | 35153    | 36273    | 2.80   | cps   |
| Titanium   | 47-1  | 4943     | 5118     | 4926     | 4996     | 2.13   | cps   |
| Uranium    | 238-1 | 26745    | 26787    | 27672    | 27068    | 1.93   | cps   |
| Vanadium   | 51-2  | 11591    | 12058    | 11958    | 11869    | 2.07   | cps   |
| Yttrium    | 89-1  | 10495532 | 10387968 | 10411693 | 10431731 | 0.54   | cps   |
| Yttrium    | 89-2  | 1902817  | 1920724  | 1916760  | 1913434  | 0.49   | cps   |
| Zinc       | 66-2  | 1420     | 1437     | 1487     | 1448     | 2.40   | cps   |
| Zirconium  | 90-1  | 16393    | 15651    | 16468    | 16171    | 2.79   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRIRE               | Instrumnet Name : | P7        |
| Client Sample ID :      | CRIRE               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:35:16 | DataFile Name :   | 019SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3351 | 3751 | 3709 | 3603    | 6.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 158      | 175      | 142      | 158      | 10.53  | cps   |
| Antimony   | 121-1 | 1142     | 1083     | 1083     | 1103     | 3.05   | cps   |
| Arsenic    | 75-2  | 17       | 33       | 28       | 26       | 32.72  | cps   |
| Barium     | 135-1 | 92       | 67       | 50       | 69       | 30.20  | cps   |
| Barium     | 137-1 | 200      | 100      | 108      | 136      | 40.76  | cps   |
| Beryllium  | 9-1   | 50       | 28       | 67       | 48       | 40.52  | cps   |
| Bismuth    | 209-1 | 8321389  | 8292658  | 8367872  | 8327306  | 0.46   | cps   |
| Bismuth    | 209-2 | 6242257  | 6292519  | 6217437  | 6250738  | 0.61   | cps   |
| Boron      | 10-1  | 333      | 342      | 383      | 353      | 7.59   | cps   |
| Boron      | 11-1  | 2109     | 2125     | 2167     | 2134     | 1.41   | cps   |
| Cadmium    | 111-1 | 3824     | 3744     | 3835     | 3801     | 1.31   | cps   |
| Cadmium    | 106-1 | 5476     | 5310     | 5485     | 5424     | 1.82   | cps   |
| Cadmium    | 108-1 | 38       | 21       | 54       | 38       | 44.45  | cps   |
| Calcium    | 43-1  | 1483     | 1283     | 1175     | 1314     | 11.91  | cps   |
| Calcium    | 44-1  | 48933    | 49618    | 48648    | 49066    | 1.02   | cps   |
| Chromium   | 52-2  | 2104     | 2250     | 2154     | 2169     | 3.44   | cps   |
| Cobalt     | 59-2  | 100      | 93       | 87       | 93       | 7.14   | cps   |
| Copper     | 63-2  | 2414     | 2317     | 2387     | 2372     | 2.11   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 42       | 58       | 50       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 17       | 13       | 20       | 17       | 20.01  | cps   |
| Gadolinium | 160-1 | 167      | 183      | 208      | 186      | 11.27  | cps   |
| Gadolinium | 160-2 | 150      | 177      | 233      | 187      | 22.80  | cps   |
| Holmium    | 165-1 | 12774881 | 12535944 | 12712008 | 12674278 | 0.98   | cps   |
| Holmium    | 165-2 | 8269962  | 8293583  | 8189236  | 8250927  | 0.66   | cps   |
| Indium     | 115-1 | 10608965 | 10582081 | 10696680 | 10629242 | 0.56   | cps   |
| Indium     | 115-2 | 2646697  | 2666446  | 2627249  | 2646797  | 0.74   | cps   |
| Iron       | 56-2  | 8925     | 9048     | 9014     | 8996     | 0.70   | cps   |
| Iron       | 57-2  | 422      | 489      | 378      | 430      | 13.02  | cps   |
| Lead       | 206-1 | 2067     | 2128     | 2289     | 2161     | 5.31   | cps   |
| Lead       | 207-1 | 1861     | 2156     | 1956     | 1991     | 7.55   | cps   |
| Lead       | 208-1 | 9252     | 9213     | 9396     | 9287     | 1.04   | cps   |
| Lithium    | 6-1   | 415324   | 410896   | 410472   | 412231   | 0.65   | cps   |
| Magnesium  | 24-2  | 608      | 500      | 425      | 511      | 18.03  | cps   |
| Manganese  | 55-2  | 80       | 60       | 120      | 87       | 35.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 658      | 625      | 631      | 4.04   | cps   |
| Molybdenum | 95-1  | 467      | 292      | 417      | 392      | 23.02  | cps   |
| Molybdenum | 96-1  | 608      | 517      | 542      | 556      | 8.53   | cps   |
| Molybdenum | 97-1  | 242      | 325      | 233      | 267      | 19.01  | cps   |
| Molybdenum | 98-1  | 625      | 692      | 792      | 703      | 11.94  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 77       | 57       | 103      | 79       | 29.68  | cps   |
| Phosphorus | 31-2  | 483      | 400      | 508      | 464      | 12.23  | cps   |
| Potassium  | 39-2  | 56233    | 55522    | 56099    | 55951    | 0.68   | cps   |
| Rhodium    | 103-1 | 9829421  | 9780476  | 9860384  | 9823427  | 0.41   | cps   |
| Rhodium    | 103-2 | 5525755  | 5587418  | 5495649  | 5536274  | 0.84   | cps   |
| Scandium   | 45-1  | 5285610  | 5286127  | 5303304  | 5291680  | 0.19   | cps   |
| Scandium   | 45-2  | 337718   | 337923   | 338226   | 337955   | 0.08   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 122      | 117      | 111      | 117      | 4.76   | cps   |
| Selenium   | 82-1  | 101      | 179      | 202      | 161      | 33.00  | cps   |
| Silicon    | 28-1  | 223015   | 225788   | 225578   | 224794   | 0.69   | cps   |
| Silver     | 109-1 | 283      | 217      | 275      | 258      | 14.06  | cps   |
| Silver     | 107-1 | 342      | 275      | 283      | 300      | 12.11  | cps   |
| Sodium     | 23-2  | 40138    | 39002    | 39453    | 39531    | 1.45   | cps   |
| Strontium  | 86-1  | 1008     | 1017     | 883      | 970      | 7.70   | cps   |
| Strontium  | 88-1  | 725      | 642      | 442      | 603      | 24.16  | cps   |
| Sulfur     | 34-1  | 389262   | 400745   | 401246   | 397084   | 1.71   | cps   |
| Terbium    | 159-1 | 13091227 | 13071132 | 13208287 | 13123549 | 0.56   | cps   |
| Terbium    | 159-2 | 8277354  | 8344212  | 8168580  | 8263382  | 1.07   | cps   |
| Thallium   | 203-1 | 583      | 583      | 533      | 567      | 5.09   | cps   |
| Thallium   | 205-1 | 1484     | 1483     | 1350     | 1439     | 5.35   | cps   |
| Tin        | 118-1 | 1667     | 1617     | 1800     | 1695     | 5.59   | cps   |
| Titanium   | 47-1  | 158      | 233      | 175      | 189      | 20.85  | cps   |
| Uranium    | 238-1 | 117      | 150      | 133      | 133      | 12.50  | cps   |
| Vanadium   | 51-2  | 30       | 13       | 20       | 21       | 39.75  | cps   |
| Yttrium    | 89-1  | 10451766 | 10412939 | 10603622 | 10489442 | 0.96   | cps   |
| Yttrium    | 89-2  | 1923886  | 1945396  | 1924692  | 1931325  | 0.63   | cps   |
| Zinc       | 66-2  | 250      | 200      | 160      | 203      | 22.18  | cps   |
| Zirconium  | 90-1  | 1092     | 1425     | 1108     | 1208     | 15.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:41:17 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 208  | 150  | 225     | 37.59  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400      | 517      | 325      | 414      | 23.34  | cps   |
| Antimony   | 121-1 | 958      | 800      | 742      | 833      | 13.45  | cps   |
| Arsenic    | 75-2  | 30       | 26       | 26       | 27       | 7.86   | cps   |
| Barium     | 135-1 | 308      | 358      | 308      | 325      | 8.88   | cps   |
| Barium     | 137-1 | 650      | 542      | 692      | 628      | 12.33  | cps   |
| Beryllium  | 9-1   | 50       | 28       | 67       | 48       | 40.52  | cps   |
| Bismuth    | 209-1 | 8549093  | 8444923  | 8480475  | 8491497  | 0.62   | cps   |
| Bismuth    | 209-2 | 5996422  | 6168451  | 6163507  | 6109460  | 1.60   | cps   |
| Boron      | 10-1  | 383      | 442      | 342      | 389      | 12.92  | cps   |
| Boron      | 11-1  | 1900     | 2042     | 2000     | 1981     | 3.68   | cps   |
| Cadmium    | 111-1 | 4214     | 4424     | 4021     | 4220     | 4.78   | cps   |
| Cadmium    | 106-1 | 5993     | 6293     | 5693     | 5993     | 5.01   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 8        | 17       | 43.31  | cps   |
| Calcium    | 43-1  | 2509     | 2334     | 2225     | 2356     | 6.07   | cps   |
| Calcium    | 44-1  | 64617    | 63638    | 64291    | 64182    | 0.78   | cps   |
| Chromium   | 52-2  | 2564     | 2247     | 2237     | 2349     | 7.91   | cps   |
| Cobalt     | 59-2  | 120      | 150      | 150      | 140      | 12.37  | cps   |
| Copper     | 63-2  | 2494     | 2517     | 2260     | 2424     | 5.86   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 117      | 33       | 67       | 66.15  | cps   |
| Erbium     | 164-2 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Gadolinium | 160-1 | 167      | 200      | 208      | 192      | 11.50  | cps   |
| Gadolinium | 160-2 | 113      | 203      | 157      | 158      | 28.53  | cps   |
| Holmium    | 165-1 | 12870967 | 12765683 | 12768563 | 12801738 | 0.47   | cps   |
| Holmium    | 165-2 | 7991466  | 8180648  | 8114403  | 8095506  | 1.19   | cps   |
| Indium     | 115-1 | 10766452 | 10781262 | 10685766 | 10744493 | 0.48   | cps   |
| Indium     | 115-2 | 2558470  | 2614103  | 2605853  | 2592809  | 1.16   | cps   |
| Iron       | 56-2  | 12394    | 12433    | 12367    | 12398    | 0.27   | cps   |
| Iron       | 57-2  | 533      | 528      | 528      | 530      | 0.61   | cps   |
| Lead       | 206-1 | 5440813  | 5440087  | 5421208  | 5434036  | 0.20   | cps   |
| Lead       | 207-1 | 4924392  | 4905682  | 4937651  | 4922575  | 0.33   | cps   |
| Lead       | 208-1 | 22703597 | 22576662 | 22805506 | 22695255 | 0.51   | cps   |
| Lithium    | 6-1   | 411998   | 415556   | 415652   | 414402   | 0.50   | cps   |
| Magnesium  | 24-2  | 808      | 708      | 725      | 747      | 7.17   | cps   |
| Manganese  | 55-2  | 343      | 343      | 350      | 346      | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 708      | 592      | 525      | 608      | 15.26  | cps   |
| Molybdenum | 95-1  | 358      | 342      | 333      | 344      | 3.70   | cps   |
| Molybdenum | 96-1  | 600      | 592      | 592      | 594      | 0.81   | cps   |
| Molybdenum | 97-1  | 275      | 200      | 250      | 242      | 15.80  | cps   |
| Molybdenum | 98-1  | 508      | 625      | 583      | 572      | 10.33  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Nickel     | 60-2  | 183      | 203      | 137      | 174      | 19.61  | cps   |
| Phosphorus | 31-2  | 400      | 392      | 367      | 386      | 4.49   | cps   |
| Potassium  | 39-2  | 57019    | 55957    | 56484    | 56486    | 0.94   | cps   |
| Rhodium    | 103-1 | 9974423  | 9978718  | 9888901  | 9947348  | 0.51   | cps   |
| Rhodium    | 103-2 | 5363856  | 5445458  | 5422514  | 5410609  | 0.78   | cps   |
| Scandium   | 45-1  | 5394808  | 5456795  | 5440296  | 5430633  | 0.59   | cps   |
| Scandium   | 45-2  | 328370   | 335196   | 331631   | 331732   | 1.03   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 100      | 109      | 107      | 106      | 4.64   | cps   |
| Selenium   | 82-1  | 130      | 183      | 126      | 147      | 21.46  | cps   |
| Silicon    | 28-1  | 232859   | 235494   | 234478   | 234277   | 0.57   | cps   |
| Silver     | 109-1 | 225      | 150      | 175      | 183      | 20.83  | cps   |
| Silver     | 107-1 | 217      | 283      | 125      | 208      | 38.16  | cps   |
| Sodium     | 23-2  | 39102    | 38927    | 39870    | 39300    | 1.28   | cps   |
| Strontium  | 86-1  | 1142     | 1108     | 1167     | 1139     | 2.57   | cps   |
| Strontium  | 88-1  | 1508     | 1675     | 1242     | 1475     | 14.82  | cps   |
| Sulfur     | 34-1  | 398781   | 399680   | 399862   | 399441   | 0.14   | cps   |
| Terbium    | 159-1 | 13220005 | 13328621 | 13265241 | 13271289 | 0.41   | cps   |
| Terbium    | 159-2 | 8049355  | 8205357  | 8064284  | 8106332  | 1.06   | cps   |
| Thallium   | 203-1 | 517      | 600      | 467      | 528      | 12.76  | cps   |
| Thallium   | 205-1 | 1517     | 1525     | 1283     | 1442     | 9.52   | cps   |
| Tin        | 118-1 | 1742     | 1825     | 7388     | 3652     | 88.62  | cps   |
| Titanium   | 47-1  | 258      | 225      | 250      | 244      | 7.10   | cps   |
| Uranium    | 238-1 | 233      | 100      | 175      | 169      | 39.45  | cps   |
| Vanadium   | 51-2  | 20       | 27       | 17       | 21       | 24.12  | cps   |
| Yttrium    | 89-1  | 10649552 | 10641903 | 10570320 | 10620592 | 0.41   | cps   |
| Yttrium    | 89-2  | 1866210  | 1900530  | 1899171  | 1888637  | 1.03   | cps   |
| Zinc       | 66-2  | 3157     | 3367     | 3334     | 3286     | 3.44   | cps   |
| Zirconium  | 90-1  | 1242     | 1258     | 1225     | 1242     | 1.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101530BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101530BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:44:43 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 183  | 250  | 219     | 15.35  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-01-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:48:09   | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2001     | 1650     | 1384     | 1678     | 18.44  | cps   |
| Antimony   | 121-1 | 1392     | 1250     | 1592     | 1411     | 12.17  | cps   |
| Arsenic    | 75-2  | 209      | 185      | 207      | 201      | 6.68   | cps   |
| Barium     | 135-1 | 51546    | 52901    | 53705    | 52717    | 2.07   | cps   |
| Barium     | 137-1 | 90931    | 90712    | 92088    | 91244    | 0.81   | cps   |
| Beryllium  | 9-1   | 22       | 44       | 61       | 43       | 45.81  | cps   |
| Bismuth    | 209-1 | 8400626  | 8433421  | 8418808  | 8417618  | 0.20   | cps   |
| Bismuth    | 209-2 | 6186466  | 6176859  | 6256576  | 6206633  | 0.70   | cps   |
| Boron      | 10-1  | 767      | 708      | 825      | 767      | 7.61   | cps   |
| Boron      | 11-1  | 4693     | 4134     | 4826     | 4551     | 8.07   | cps   |
| Cadmium    | 111-1 | 4052     | 3950     | 3903     | 3968     | 1.92   | cps   |
| Cadmium    | 106-1 | 5726     | 5626     | 5518     | 5624     | 1.85   | cps   |
| Cadmium    | 108-1 | 33       | 25       | 8        | 22       | 57.29  | cps   |
| Calcium    | 43-1  | 177325   | 177987   | 181410   | 178907   | 1.23   | cps   |
| Calcium    | 44-1  | 2923737  | 2907949  | 2942706  | 2924797  | 0.60   | cps   |
| Chromium   | 52-2  | 3677     | 3761     | 3684     | 3707     | 1.25   | cps   |
| Cobalt     | 59-2  | 220      | 160      | 183      | 188      | 16.11  | cps   |
| Copper     | 63-2  | 1095627  | 1090466  | 1096059  | 1094051  | 0.28   | cps   |
| Dysprosium | 156-1 | 50       | 83       | 108      | 81       | 36.33  | cps   |
| Dysprosium | 156-2 | 57       | 50       | 50       | 52       | 7.37   | cps   |
| Erbium     | 164-1 | 67       | 167      | 42       | 92       | 72.16  | cps   |
| Erbium     | 164-2 | 67       | 53       | 57       | 59       | 11.79  | cps   |
| Gadolinium | 160-1 | 283      | 183      | 250      | 239      | 21.32  | cps   |
| Gadolinium | 160-2 | 200      | 220      | 203      | 208      | 5.16   | cps   |
| Holmium    | 165-1 | 12844895 | 12865575 | 12943381 | 12884617 | 0.40   | cps   |
| Holmium    | 165-2 | 8261155  | 8309754  | 8382322  | 8317744  | 0.73   | cps   |
| Indium     | 115-1 | 10773105 | 10783932 | 10823150 | 10793396 | 0.24   | cps   |
| Indium     | 115-2 | 2645223  | 2635212  | 2630281  | 2636906  | 0.29   | cps   |
| Iron       | 56-2  | 145324   | 143854   | 140605   | 143261   | 1.69   | cps   |
| Iron       | 57-2  | 4129     | 4418     | 4262     | 4269     | 3.39   | cps   |
| Lead       | 206-1 | 4545     | 4262     | 3945     | 4251     | 7.06   | cps   |
| Lead       | 207-1 | 3817     | 3584     | 3612     | 3671     | 3.47   | cps   |
| Lead       | 208-1 | 17600    | 16460    | 16010    | 16690    | 4.91   | cps   |
| Lithium    | 6-1   | 414404   | 412487   | 420059   | 415650   | 0.95   | cps   |
| Magnesium  | 24-2  | 356771   | 361268   | 359803   | 359281   | 0.64   | cps   |
| Manganese  | 55-2  | 34454    | 34698    | 33118    | 34090    | 2.50   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-01-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:48:09   | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2992     | 2775     | 2575     | 2781     | 7.50   | cps   |
| Molybdenum | 95-1  | 458      | 475      | 442      | 458      | 3.64   | cps   |
| Molybdenum | 96-1  | 1158     | 883      | 925      | 989      | 14.99  | cps   |
| Molybdenum | 97-1  | 258      | 250      | 292      | 267      | 8.27   | cps   |
| Molybdenum | 98-1  | 808      | 867      | 892      | 856      | 5.00   | cps   |
| Neodymium  | 150-1 | 53       | 53       | 47       | 51       | 7.53   | cps   |
| Neodymium  | 150-2 | 13       | 13       | 23       | 17       | 34.65  | cps   |
| Nickel     | 60-2  | 1073     | 1157     | 1140     | 1123     | 3.93   | cps   |
| Phosphorus | 31-2  | 6293     | 6293     | 6168     | 6252     | 1.16   | cps   |
| Potassium  | 39-2  | 214123   | 211651   | 212255   | 212676   | 0.61   | cps   |
| Rhodium    | 103-1 | 9867354  | 9908213  | 9815951  | 9863839  | 0.47   | cps   |
| Rhodium    | 103-2 | 5521388  | 5530902  | 5524728  | 5525673  | 0.09   | cps   |
| Scandium   | 45-1  | 5347080  | 5385356  | 5385240  | 5372559  | 0.41   | cps   |
| Scandium   | 45-2  | 336675   | 335810   | 335799   | 336095   | 0.15   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 100      | 94       | 100      | 5.55   | cps   |
| Selenium   | 82-1  | 83       | 115      | 279      | 159      | 66.05  | cps   |
| Silicon    | 28-1  | 5719831  | 5641209  | 5807154  | 5722732  | 1.45   | cps   |
| Silver     | 109-1 | 183      | 208      | 142      | 178      | 18.95  | cps   |
| Silver     | 107-1 | 217      | 300      | 333      | 283      | 21.21  | cps   |
| Sodium     | 23-2  | 5578208  | 5597459  | 5581763  | 5585810  | 0.18   | cps   |
| Strontium  | 86-1  | 79018    | 79227    | 79295    | 79180    | 0.18   | cps   |
| Strontium  | 88-1  | 694714   | 690672   | 690425   | 691937   | 0.35   | cps   |
| Sulfur     | 34-1  | 459158   | 458145   | 454096   | 457133   | 0.59   | cps   |
| Terbium    | 159-1 | 13264827 | 13347752 | 13258861 | 13290480 | 0.37   | cps   |
| Terbium    | 159-2 | 8307123  | 8307727  | 8330047  | 8314966  | 0.16   | cps   |
| Thallium   | 203-1 | 617      | 600      | 517      | 578      | 9.27   | cps   |
| Thallium   | 205-1 | 1325     | 1317     | 1117     | 1253     | 9.42   | cps   |
| Tin        | 118-1 | 1809     | 1984     | 1759     | 1850     | 6.39   | cps   |
| Titanium   | 47-1  | 1008     | 942      | 1887     | 1279     | 41.25  | cps   |
| Uranium    | 238-1 | 575      | 567      | 350      | 497      | 25.66  | cps   |
| Vanadium   | 51-2  | 270      | 257      | 230      | 252      | 8.07   | cps   |
| Yttrium    | 89-1  | 10657531 | 10615139 | 10661798 | 10644823 | 0.24   | cps   |
| Yttrium    | 89-2  | 1932632  | 1928868  | 1939234  | 1933578  | 0.27   | cps   |
| Zinc       | 66-2  | 12843    | 13209    | 13186    | 13079    | 1.57   | cps   |
| Zirconium  | 90-1  | 7569     | 6443     | 8805     | 7606     | 15.53  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-01-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:48:09   | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1625 | 1784 | 1367 | 1592    | 13.21  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-02-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:51:34   | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3901     | 3734     | 3851     | 3829     | 2.23   | cps   |
| Antimony   | 121-1 | 1517     | 1375     | 1375     | 1422     | 5.75   | cps   |
| Arsenic    | 75-2  | 219      | 191      | 204      | 204      | 6.80   | cps   |
| Barium     | 135-1 | 47867    | 48461    | 47415    | 47914    | 1.09   | cps   |
| Barium     | 137-1 | 82873    | 83316    | 81229    | 82473    | 1.33   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 28       | 22       | 25.00  | cps   |
| Bismuth    | 209-1 | 8386893  | 8489614  | 8458692  | 8445066  | 0.62   | cps   |
| Bismuth    | 209-2 | 6292382  | 6278357  | 6269893  | 6280211  | 0.18   | cps   |
| Boron      | 10-1  | 1684     | 1700     | 1917     | 1767     | 7.37   | cps   |
| Boron      | 11-1  | 9328     | 9162     | 9820     | 9437     | 3.63   | cps   |
| Cadmium    | 111-1 | 3710     | 4008     | 4679     | 4133     | 12.00  | cps   |
| Cadmium    | 106-1 | 5251     | 5660     | 6610     | 5840     | 11.94  | cps   |
| Cadmium    | 108-1 | 46       | 58       | 33       | 46       | 27.27  | cps   |
| Calcium    | 43-1  | 163907   | 161911   | 166293   | 164037   | 1.34   | cps   |
| Calcium    | 44-1  | 2723579  | 2710713  | 2716483  | 2716925  | 0.24   | cps   |
| Chromium   | 52-2  | 3991     | 4147     | 4071     | 4070     | 1.93   | cps   |
| Cobalt     | 59-2  | 2934     | 2804     | 2800     | 2846     | 2.67   | cps   |
| Copper     | 63-2  | 1704103  | 1708393  | 1678756  | 1697084  | 0.94   | cps   |
| Dysprosium | 156-1 | 83       | 125      | 92       | 100      | 22.05  | cps   |
| Dysprosium | 156-2 | 33       | 53       | 33       | 40       | 28.87  | cps   |
| Erbium     | 164-1 | 133      | 92       | 83       | 103      | 26.06  | cps   |
| Erbium     | 164-2 | 40       | 57       | 73       | 57       | 29.42  | cps   |
| Gadolinium | 160-1 | 242      | 225      | 233      | 233      | 3.57   | cps   |
| Gadolinium | 160-2 | 217      | 237      | 253      | 236      | 7.79   | cps   |
| Holmium    | 165-1 | 12919078 | 12853738 | 12977964 | 12916927 | 0.48   | cps   |
| Holmium    | 165-2 | 8349328  | 8453546  | 8419396  | 8407423  | 0.63   | cps   |
| Indium     | 115-1 | 10722183 | 10871041 | 10743900 | 10779041 | 0.75   | cps   |
| Indium     | 115-2 | 2669859  | 2681869  | 2649409  | 2667046  | 0.62   | cps   |
| Iron       | 56-2  | 207932   | 209346   | 244357   | 220545   | 9.36   | cps   |
| Iron       | 57-2  | 6085     | 6663     | 6102     | 6283     | 5.24   | cps   |
| Lead       | 206-1 | 8931     | 8625     | 8842     | 8799     | 1.79   | cps   |
| Lead       | 207-1 | 7569     | 7347     | 7113     | 7343     | 3.10   | cps   |
| Lead       | 208-1 | 34769    | 34441    | 33907    | 34372    | 1.27   | cps   |
| Lithium    | 6-1   | 412052   | 411643   | 417782   | 413826   | 0.83   | cps   |
| Magnesium  | 24-2  | 529871   | 526952   | 522219   | 526347   | 0.73   | cps   |
| Manganese  | 55-2  | 56153    | 56923    | 55662    | 56246    | 1.13   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-02-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:51:34   | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2284     | 2184     | 2200     | 2223     | 2.41   | cps   |
| Molybdenum | 95-1  | 600      | 417      | 533      | 517      | 17.96  | cps   |
| Molybdenum | 96-1  | 825      | 817      | 933      | 858      | 7.58   | cps   |
| Molybdenum | 97-1  | 225      | 325      | 333      | 294      | 20.48  | cps   |
| Molybdenum | 98-1  | 842      | 850      | 900      | 864      | 3.65   | cps   |
| Neodymium  | 150-1 | 87       | 87       | 40       | 71       | 37.89  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 43       | 32       | 36.33  | cps   |
| Nickel     | 60-2  | 9110     | 9306     | 8829     | 9082     | 2.64   | cps   |
| Phosphorus | 31-2  | 5093     | 5285     | 4718     | 5032     | 5.73   | cps   |
| Potassium  | 39-2  | 209283   | 213709   | 212021   | 211671   | 1.06   | cps   |
| Rhodium    | 103-1 | 9899780  | 9830654  | 9932216  | 9887550  | 0.52   | cps   |
| Rhodium    | 103-2 | 5535388  | 5574226  | 5542365  | 5550660  | 0.37   | cps   |
| Scandium   | 45-1  | 5393962  | 5376566  | 5335916  | 5368815  | 0.55   | cps   |
| Scandium   | 45-2  | 340895   | 341881   | 340411   | 341062   | 0.22   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 152      | 133      | 98       | 128      | 21.35  | cps   |
| Selenium   | 82-1  | 113      | 225      | 45       | 128      | 70.98  | cps   |
| Silicon    | 28-1  | 6678621  | 6536198  | 6519571  | 6578130  | 1.33   | cps   |
| Silver     | 109-1 | 283      | 150      | 217      | 217      | 30.77  | cps   |
| Silver     | 107-1 | 225      | 283      | 175      | 228      | 23.80  | cps   |
| Sodium     | 23-2  | 5744916  | 5770670  | 5776876  | 5764154  | 0.29   | cps   |
| Strontium  | 86-1  | 75817    | 74854    | 73380    | 74684    | 1.64   | cps   |
| Strontium  | 88-1  | 649870   | 651197   | 644268   | 648445   | 0.57   | cps   |
| Sulfur     | 34-1  | 440605   | 442161   | 434305   | 439024   | 0.95   | cps   |
| Terbium    | 159-1 | 13269850 | 13421774 | 13345476 | 13345700 | 0.57   | cps   |
| Terbium    | 159-2 | 8551091  | 8401669  | 8397208  | 8449989  | 1.04   | cps   |
| Thallium   | 203-1 | 525      | 500      | 308      | 444      | 26.67  | cps   |
| Thallium   | 205-1 | 1250     | 1308     | 1108     | 1222     | 8.42   | cps   |
| Tin        | 118-1 | 2167     | 2209     | 2284     | 2220     | 2.66   | cps   |
| Titanium   | 47-1  | 908      | 908      | 1008     | 942      | 6.13   | cps   |
| Uranium    | 238-1 | 417      | 367      | 392      | 392      | 6.38   | cps   |
| Vanadium   | 51-2  | 400      | 313      | 430      | 381      | 15.90  | cps   |
| Yttrium    | 89-1  | 10663017 | 10653907 | 10475412 | 10597445 | 1.00   | cps   |
| Yttrium    | 89-2  | 1946701  | 1948086  | 1946684  | 1947157  | 0.04   | cps   |
| Zinc       | 66-2  | 84003    | 82492    | 81941    | 82812    | 1.29   | cps   |
| Zirconium  | 90-1  | 5376     | 5134     | 4943     | 5151     | 4.22   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-02-BS-KI-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:51:34   | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1267 | 1117 | 1033 | 1139    | 10.38  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-03 Instrumnet Name : P7  
 Client Sample ID : DC14598-03-BS-KI-W3-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 16:55:00 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2801     | 2159     | 2075     | 2345     | 16.93  | cps   |
| Antimony   | 121-1 | 1117     | 1417     | 1317     | 1283     | 11.90  | cps   |
| Arsenic    | 75-2  | 239      | 194      | 206      | 213      | 10.86  | cps   |
| Barium     | 135-1 | 50167    | 50693    | 50709    | 50523    | 0.61   | cps   |
| Barium     | 137-1 | 87518    | 88574    | 88926    | 88339    | 0.83   | cps   |
| Beryllium  | 9-1   | 39       | 39       | 61       | 46       | 27.71  | cps   |
| Bismuth    | 209-1 | 8458498  | 8561187  | 8621758  | 8547148  | 0.97   | cps   |
| Bismuth    | 209-2 | 6250631  | 6322167  | 6270937  | 6281245  | 0.59   | cps   |
| Boron      | 10-1  | 817      | 675      | 717      | 736      | 9.89   | cps   |
| Boron      | 11-1  | 3976     | 4017     | 4367     | 4120     | 5.22   | cps   |
| Cadmium    | 111-1 | 4075     | 3829     | 4061     | 3988     | 3.47   | cps   |
| Cadmium    | 106-1 | 5718     | 5335     | 5726     | 5593     | 4.00   | cps   |
| Cadmium    | 108-1 | 75       | 38       | 38       | 50       | 43.30  | cps   |
| Calcium    | 43-1  | 177952   | 177227   | 180328   | 178503   | 0.91   | cps   |
| Calcium    | 44-1  | 2911412  | 2904385  | 2914046  | 2909948  | 0.17   | cps   |
| Chromium   | 52-2  | 4141     | 4021     | 3867     | 4010     | 3.42   | cps   |
| Cobalt     | 59-2  | 670      | 770      | 770      | 737      | 7.84   | cps   |
| Copper     | 63-2  | 2604525  | 2590336  | 2609802  | 2601555  | 0.39   | cps   |
| Dysprosium | 156-1 | 67       | 133      | 92       | 97       | 34.64  | cps   |
| Dysprosium | 156-2 | 63       | 50       | 57       | 57       | 11.77  | cps   |
| Erbium     | 164-1 | 133      | 100      | 50       | 94       | 44.41  | cps   |
| Erbium     | 164-2 | 87       | 77       | 80       | 81       | 6.28   | cps   |
| Gadolinium | 160-1 | 283      | 308      | 300      | 297      | 4.28   | cps   |
| Gadolinium | 160-2 | 227      | 250      | 280      | 252      | 10.60  | cps   |
| Holmium    | 165-1 | 12932492 | 12988453 | 12911641 | 12944195 | 0.31   | cps   |
| Holmium    | 165-2 | 8436232  | 8455258  | 8389934  | 8427141  | 0.40   | cps   |
| Indium     | 115-1 | 10881088 | 10861966 | 10925830 | 10889628 | 0.30   | cps   |
| Indium     | 115-2 | 2625978  | 2651500  | 2651787  | 2643088  | 0.56   | cps   |
| Iron       | 56-2  | 204627   | 210672   | 208477   | 207925   | 1.47   | cps   |
| Iron       | 57-2  | 6363     | 5701     | 5946     | 6003     | 5.57   | cps   |
| Lead       | 206-1 | 23983    | 23493    | 23644    | 23707    | 1.06   | cps   |
| Lead       | 207-1 | 20372    | 20110    | 19226    | 19902    | 3.02   | cps   |
| Lead       | 208-1 | 92320    | 92789    | 91542    | 92217    | 0.68   | cps   |
| Lithium    | 6-1   | 414672   | 425474   | 416376   | 418840   | 1.39   | cps   |
| Magnesium  | 24-2  | 358397   | 362755   | 362669   | 361273   | 0.69   | cps   |
| Manganese  | 55-2  | 58011    | 58346    | 58416    | 58257    | 0.37   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-03-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:55:00   | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1592     | 1667     | 1558     | 1606     | 3.46   | cps   |
| Molybdenum | 95-1  | 525      | 500      | 325      | 450      | 24.22  | cps   |
| Molybdenum | 96-1  | 733      | 767      | 792      | 764      | 3.83   | cps   |
| Molybdenum | 97-1  | 392      | 358      | 275      | 342      | 17.59  | cps   |
| Molybdenum | 98-1  | 900      | 675      | 800      | 792      | 14.24  | cps   |
| Neodymium  | 150-1 | 53       | 173      | 107      | 111      | 54.11  | cps   |
| Neodymium  | 150-2 | 43       | 43       | 23       | 37       | 31.49  | cps   |
| Nickel     | 60-2  | 18872    | 18642    | 19563    | 19026    | 2.52   | cps   |
| Phosphorus | 31-2  | 6302     | 6477     | 6427     | 6402     | 1.41   | cps   |
| Potassium  | 39-2  | 208376   | 209679   | 208354   | 208803   | 0.36   | cps   |
| Rhodium    | 103-1 | 9815324  | 9956439  | 10105183 | 9958982  | 1.46   | cps   |
| Rhodium    | 103-2 | 5513225  | 5539995  | 5553881  | 5535700  | 0.37   | cps   |
| Scandium   | 45-1  | 5365114  | 5353423  | 5413441  | 5377326  | 0.59   | cps   |
| Scandium   | 45-2  | 334607   | 339787   | 335898   | 336764   | 0.80   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 144      | 111      | 113      | 123      | 15.25  | cps   |
| Selenium   | 82-1  | 137      | 194      | 80       | 137      | 41.66  | cps   |
| Silicon    | 28-1  | 5762940  | 5680430  | 5689264  | 5710878  | 0.79   | cps   |
| Silver     | 109-1 | 192      | 117      | 158      | 156      | 24.16  | cps   |
| Silver     | 107-1 | 200      | 233      | 325      | 253      | 25.61  | cps   |
| Sodium     | 23-2  | 5681440  | 5751032  | 5694868  | 5709114  | 0.65   | cps   |
| Strontium  | 86-1  | 76303    | 78322    | 76470    | 77032    | 1.45   | cps   |
| Strontium  | 88-1  | 673491   | 675065   | 678002   | 675519   | 0.34   | cps   |
| Sulfur     | 34-1  | 431518   | 433333   | 436267   | 433706   | 0.55   | cps   |
| Terbium    | 159-1 | 13424689 | 13408642 | 13615860 | 13483064 | 0.86   | cps   |
| Terbium    | 159-2 | 8301568  | 8341743  | 8342083  | 8328465  | 0.28   | cps   |
| Thallium   | 203-1 | 483      | 525      | 458      | 489      | 6.89   | cps   |
| Thallium   | 205-1 | 1150     | 1142     | 1267     | 1186     | 5.89   | cps   |
| Tin        | 118-1 | 99510    | 98511    | 102591   | 100204   | 2.12   | cps   |
| Titanium   | 47-1  | 1217     | 1225     | 1333     | 1258     | 5.17   | cps   |
| Uranium    | 238-1 | 392      | 617      | 442      | 483      | 24.46  | cps   |
| Vanadium   | 51-2  | 297      | 307      | 253      | 286      | 9.93   | cps   |
| Yttrium    | 89-1  | 10669408 | 10700713 | 10729202 | 10699774 | 0.28   | cps   |
| Yttrium    | 89-2  | 1940812  | 1952933  | 1952162  | 1948636  | 0.35   | cps   |
| Zinc       | 66-2  | 130759   | 130076   | 132472   | 131102   | 0.94   | cps   |
| Zirconium  | 90-1  | 3809     | 3526     | 3401     | 3578     | 5.85   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-03-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:55:00   | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 850  | 792  | 783  | 808     | 4.49   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-04-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:58:26   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1558     | 1442     | 1542     | 1514     | 4.17   | cps   |
| Antimony   | 121-1 | 1117     | 1100     | 1158     | 1125     | 2.67   | cps   |
| Arsenic    | 75-2  | 176      | 202      | 219      | 199      | 10.80  | cps   |
| Barium     | 135-1 | 53245    | 51865    | 52534    | 52548    | 1.31   | cps   |
| Barium     | 137-1 | 92440    | 90873    | 91929    | 91747    | 0.87   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 28       | 26       | 12.38  | cps   |
| Bismuth    | 209-1 | 8601526  | 8519282  | 8607201  | 8576003  | 0.57   | cps   |
| Bismuth    | 209-2 | 6216130  | 6246881  | 6233711  | 6232241  | 0.25   | cps   |
| Boron      | 10-1  | 825      | 783      | 917      | 842      | 8.11   | cps   |
| Boron      | 11-1  | 4167     | 4501     | 4709     | 4459     | 6.13   | cps   |
| Cadmium    | 111-1 | 3917     | 3567     | 3773     | 3753     | 4.68   | cps   |
| Cadmium    | 106-1 | 5593     | 5068     | 5368     | 5343     | 4.93   | cps   |
| Cadmium    | 108-1 | 33       | 25       | 25       | 28       | 17.31  | cps   |
| Calcium    | 43-1  | 179334   | 177081   | 176635   | 177684   | 0.81   | cps   |
| Calcium    | 44-1  | 2918238  | 2933445  | 2925338  | 2925674  | 0.26   | cps   |
| Chromium   | 52-2  | 3867     | 3751     | 4061     | 3893     | 4.02   | cps   |
| Cobalt     | 59-2  | 227      | 287      | 307      | 273      | 15.23  | cps   |
| Copper     | 63-2  | 1761458  | 1760495  | 1770152  | 1764035  | 0.30   | cps   |
| Dysprosium | 156-1 | 17       | 58       | 8        | 28       | 96.44  | cps   |
| Dysprosium | 156-2 | 43       | 30       | 33       | 36       | 19.51  | cps   |
| Erbium     | 164-1 | 58       | 92       | 58       | 69       | 27.71  | cps   |
| Erbium     | 164-2 | 70       | 80       | 27       | 59       | 48.14  | cps   |
| Gadolinium | 160-1 | 150      | 267      | 225      | 214      | 27.64  | cps   |
| Gadolinium | 160-2 | 223      | 193      | 213      | 210      | 7.27   | cps   |
| Holmium    | 165-1 | 12951869 | 13000381 | 13006402 | 12986217 | 0.23   | cps   |
| Holmium    | 165-2 | 8393438  | 8391386  | 8285054  | 8356626  | 0.74   | cps   |
| Indium     | 115-1 | 10947759 | 10782180 | 10830310 | 10853417 | 0.78   | cps   |
| Indium     | 115-2 | 2641033  | 2630385  | 2630907  | 2634108  | 0.23   | cps   |
| Iron       | 56-2  | 151348   | 137264   | 136706   | 141773   | 5.85   | cps   |
| Iron       | 57-2  | 4101     | 4034     | 4101     | 4078     | 0.94   | cps   |
| Lead       | 206-1 | 3095     | 3123     | 3356     | 3191     | 4.50   | cps   |
| Lead       | 207-1 | 2761     | 3034     | 2984     | 2926     | 4.95   | cps   |
| Lead       | 208-1 | 12808    | 12953    | 13492    | 13084    | 2.75   | cps   |
| Lithium    | 6-1   | 413538   | 414257   | 415177   | 414324   | 0.20   | cps   |
| Magnesium  | 24-2  | 356267   | 356621   | 357941   | 356943   | 0.25   | cps   |
| Manganese  | 55-2  | 30378    | 30585    | 30615    | 30526    | 0.42   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-04-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:58:26   | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1517     | 1150     | 1233     | 1300     | 14.79  | cps   |
| Molybdenum | 95-1  | 400      | 508      | 483      | 464      | 12.23  | cps   |
| Molybdenum | 96-1  | 683      | 483      | 692      | 619      | 19.04  | cps   |
| Molybdenum | 97-1  | 175      | 233      | 250      | 219      | 17.95  | cps   |
| Molybdenum | 98-1  | 658      | 642      | 642      | 647      | 1.49   | cps   |
| Neodymium  | 150-1 | 60       | 73       | 73       | 69       | 11.18  | cps   |
| Neodymium  | 150-2 | 30       | 23       | 33       | 29       | 17.63  | cps   |
| Nickel     | 60-2  | 1927     | 2150     | 2110     | 2062     | 5.78   | cps   |
| Phosphorus | 31-2  | 5318     | 5885     | 5526     | 5576     | 5.14   | cps   |
| Potassium  | 39-2  | 209028   | 211098   | 206019   | 208715   | 1.22   | cps   |
| Rhodium    | 103-1 | 9983055  | 9972396  | 10101327 | 10018926 | 0.71   | cps   |
| Rhodium    | 103-2 | 5517655  | 5502697  | 5512884  | 5511079  | 0.14   | cps   |
| Scandium   | 45-1  | 5348250  | 5370966  | 5387923  | 5369046  | 0.37   | cps   |
| Scandium   | 45-2  | 335998   | 331609   | 335946   | 334518   | 0.75   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 124      | 117      | 114      | 9.91   | cps   |
| Selenium   | 82-1  | 67       | 188      | 209      | 154      | 49.80  | cps   |
| Silicon    | 28-1  | 5613968  | 5669940  | 5686376  | 5656762  | 0.67   | cps   |
| Silver     | 109-1 | 117      | 183      | 217      | 172      | 29.57  | cps   |
| Silver     | 107-1 | 192      | 183      | 142      | 172      | 15.55  | cps   |
| Sodium     | 23-2  | 5649051  | 5711017  | 5586689  | 5648919  | 1.10   | cps   |
| Strontium  | 86-1  | 78457    | 78247    | 79888    | 78864    | 1.13   | cps   |
| Strontium  | 88-1  | 688774   | 688800   | 684516   | 687363   | 0.36   | cps   |
| Sulfur     | 34-1  | 426530   | 426632   | 430460   | 427874   | 0.52   | cps   |
| Terbium    | 159-1 | 13509409 | 13578586 | 13424790 | 13504261 | 0.57   | cps   |
| Terbium    | 159-2 | 8334640  | 8307723  | 8506569  | 8382978  | 1.29   | cps   |
| Thallium   | 203-1 | 633      | 458      | 558      | 550      | 15.96  | cps   |
| Thallium   | 205-1 | 1075     | 1125     | 1192     | 1131     | 5.18   | cps   |
| Tin        | 118-1 | 6498     | 1917     | 1775     | 3397     | 79.10  | cps   |
| Titanium   | 47-1  | 667      | 992      | 1100     | 920      | 24.53  | cps   |
| Uranium    | 238-1 | 392      | 508      | 383      | 428      | 16.34  | cps   |
| Vanadium   | 51-2  | 263      | 260      | 263      | 262      | 0.73   | cps   |
| Yttrium    | 89-1  | 10772607 | 10866385 | 10726619 | 10788537 | 0.66   | cps   |
| Yttrium    | 89-2  | 1927415  | 1921399  | 1925656  | 1924823  | 0.16   | cps   |
| Zinc       | 66-2  | 14945    | 14698    | 15051    | 14898    | 1.22   | cps   |
| Zirconium  | 90-1  | 3309     | 3559     | 3150     | 3339     | 6.17   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-04-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 16:58:26   | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 783  | 833  | 692  | 770     | 9.34   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2375     | 2334     | 2751     | 2487     | 9.24   | cps   |
| Antimony   | 121-1 | 1559     | 1867     | 1842     | 1756     | 9.76   | cps   |
| Arsenic    | 75-2  | 187      | 196      | 189      | 191      | 2.57   | cps   |
| Barium     | 135-1 | 51471    | 53697    | 51145    | 52104    | 2.67   | cps   |
| Barium     | 137-1 | 89942    | 89756    | 90042    | 89913    | 0.16   | cps   |
| Beryllium  | 9-1   | 44       | 17       | 17       | 26       | 61.85  | cps   |
| Bismuth    | 209-1 | 8583982  | 8675147  | 8665012  | 8641380  | 0.58   | cps   |
| Bismuth    | 209-2 | 6322918  | 6219594  | 6254616  | 6265709  | 0.84   | cps   |
| Boron      | 10-1  | 1417     | 1192     | 1333     | 1314     | 8.66   | cps   |
| Boron      | 11-1  | 6818     | 7310     | 7160     | 7096     | 3.55   | cps   |
| Cadmium    | 111-1 | 3868     | 3993     | 3886     | 3916     | 1.72   | cps   |
| Cadmium    | 106-1 | 5501     | 5651     | 5518     | 5557     | 1.48   | cps   |
| Cadmium    | 108-1 | 29       | 25       | 38       | 31       | 20.83  | cps   |
| Calcium    | 43-1  | 174232   | 175136   | 175461   | 174943   | 0.36   | cps   |
| Calcium    | 44-1  | 2843559  | 2860742  | 2836042  | 2846781  | 0.44   | cps   |
| Chromium   | 52-2  | 3754     | 3861     | 3684     | 3766     | 2.36   | cps   |
| Cobalt     | 59-2  | 1147     | 917      | 1020     | 1028     | 11.21  | cps   |
| Copper     | 63-2  | 1000881  | 998718   | 990624   | 996741   | 0.54   | cps   |
| Dysprosium | 156-1 | 42       | 83       | 25       | 50       | 60.09  | cps   |
| Dysprosium | 156-2 | 33       | 47       | 73       | 51       | 39.86  | cps   |
| Erbium     | 164-1 | 67       | 108      | 75       | 83       | 26.46  | cps   |
| Erbium     | 164-2 | 70       | 67       | 53       | 63       | 13.93  | cps   |
| Gadolinium | 160-1 | 217      | 233      | 225      | 225      | 3.70   | cps   |
| Gadolinium | 160-2 | 210      | 210      | 280      | 233      | 17.32  | cps   |
| Holmium    | 165-1 | 12995079 | 13256866 | 13044837 | 13098927 | 1.06   | cps   |
| Holmium    | 165-2 | 8503694  | 8331731  | 8335266  | 8390230  | 1.17   | cps   |
| Indium     | 115-1 | 10995213 | 11067572 | 10877529 | 10980105 | 0.87   | cps   |
| Indium     | 115-2 | 2665804  | 2659084  | 2638857  | 2654582  | 0.53   | cps   |
| Iron       | 56-2  | 125539   | 129957   | 125125   | 126873   | 2.11   | cps   |
| Iron       | 57-2  | 3901     | 3856     | 3984     | 3914     | 1.66   | cps   |
| Lead       | 206-1 | 12267    | 12334    | 11772    | 12124    | 2.53   | cps   |
| Lead       | 207-1 | 10466    | 9915     | 10327    | 10236    | 2.80   | cps   |
| Lead       | 208-1 | 48720    | 47724    | 47652    | 48032    | 1.24   | cps   |
| Lithium    | 6-1   | 415181   | 418320   | 415730   | 416410   | 0.40   | cps   |
| Magnesium  | 24-2  | 455743   | 459812   | 457472   | 457676   | 0.45   | cps   |
| Manganese  | 55-2  | 47500    | 47838    | 47162    | 47500    | 0.71   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1317     | 1158     | 1242     | 1239     | 6.39   | cps   |
| Molybdenum | 95-1  | 433      | 550      | 358      | 447      | 21.60  | cps   |
| Molybdenum | 96-1  | 633      | 542      | 592      | 589      | 7.79   | cps   |
| Molybdenum | 97-1  | 267      | 200      | 350      | 272      | 27.61  | cps   |
| Molybdenum | 98-1  | 458      | 625      | 575      | 553      | 15.47  | cps   |
| Neodymium  | 150-1 | 53       | 60       | 47       | 53       | 12.50  | cps   |
| Neodymium  | 150-2 | 27       | 17       | 30       | 24       | 28.38  | cps   |
| Nickel     | 60-2  | 6512     | 6358     | 6355     | 6408     | 1.40   | cps   |
| Phosphorus | 31-2  | 5101     | 5168     | 5201     | 5157     | 0.99   | cps   |
| Potassium  | 39-2  | 208598   | 211226   | 211197   | 210340   | 0.72   | cps   |
| Rhodium    | 103-1 | 10033570 | 10004571 | 9906081  | 9981407  | 0.67   | cps   |
| Rhodium    | 103-2 | 5526825  | 5517529  | 5516903  | 5520419  | 0.10   | cps   |
| Scandium   | 45-1  | 5366418  | 5441587  | 5399627  | 5402544  | 0.70   | cps   |
| Scandium   | 45-2  | 335132   | 335486   | 331870   | 334163   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 143      | 128      | 141      | 137      | 5.89   | cps   |
| Selenium   | 82-1  | 145      | 167      | 140      | 151      | 9.59   | cps   |
| Silicon    | 28-1  | 6031124  | 6094356  | 5985319  | 6036933  | 0.91   | cps   |
| Silver     | 109-1 | 250      | 208      | 175      | 211      | 17.80  | cps   |
| Silver     | 107-1 | 242      | 258      | 267      | 256      | 4.98   | cps   |
| Sodium     | 23-2  | 5835125  | 5710821  | 5721329  | 5755758  | 1.20   | cps   |
| Strontium  | 86-1  | 76337    | 77308    | 76253    | 76633    | 0.77   | cps   |
| Strontium  | 88-1  | 663659   | 666734   | 670182   | 666859   | 0.49   | cps   |
| Sulfur     | 34-1  | 416938   | 417942   | 416155   | 417012   | 0.21   | cps   |
| Terbium    | 159-1 | 13619919 | 13584809 | 13637301 | 13614010 | 0.20   | cps   |
| Terbium    | 159-2 | 8548775  | 8372398  | 8432840  | 8451338  | 1.06   | cps   |
| Thallium   | 203-1 | 383      | 542      | 467      | 464      | 17.08  | cps   |
| Thallium   | 205-1 | 1142     | 1275     | 1108     | 1175     | 7.51   | cps   |
| Tin        | 118-1 | 1717     | 1692     | 1667     | 1692     | 1.48   | cps   |
| Titanium   | 47-1  | 992      | 958      | 1108     | 1020     | 7.73   | cps   |
| Uranium    | 238-1 | 467      | 483      | 483      | 478      | 2.01   | cps   |
| Vanadium   | 51-2  | 260      | 257      | 243      | 253      | 3.48   | cps   |
| Yttrium    | 89-1  | 10786628 | 10762620 | 10626450 | 10725233 | 0.81   | cps   |
| Yttrium    | 89-2  | 1959376  | 1931098  | 1932336  | 1940937  | 0.82   | cps   |
| Zinc       | 66-2  | 107482   | 105995   | 105891   | 106456   | 0.84   | cps   |
| Zirconium  | 90-1  | 2642     | 2734     | 2950     | 2775     | 5.71   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-05              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-05-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:01:52   | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 633  | 775  | 517  | 642     | 20.16  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-06-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:05:17   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 1550     | 6971     | 3427     | 89.63  | cps   |
| Antimony   | 121-1 | 1108     | 908      | 1050     | 1022     | 10.06  | cps   |
| Arsenic    | 75-2  | 172      | 178      | 224      | 191      | 14.88  | cps   |
| Barium     | 135-1 | 56801    | 56725    | 56490    | 56672    | 0.29   | cps   |
| Barium     | 137-1 | 101748   | 101395   | 98079    | 100407   | 2.02   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 28       | 26       | 32.72  | cps   |
| Bismuth    | 209-1 | 8738142  | 8730949  | 8588948  | 8686013  | 0.97   | cps   |
| Bismuth    | 209-2 | 6279060  | 6278309  | 6285251  | 6280873  | 0.06   | cps   |
| Boron      | 10-1  | 750      | 867      | 758      | 792      | 8.22   | cps   |
| Boron      | 11-1  | 4151     | 4301     | 4301     | 4251     | 2.04   | cps   |
| Cadmium    | 111-1 | 3760     | 3708     | 3886     | 3785     | 2.42   | cps   |
| Cadmium    | 106-1 | 5335     | 5301     | 5518     | 5385     | 2.17   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 177277   | 180649   | 180381   | 179436   | 1.04   | cps   |
| Calcium    | 44-1  | 2933236  | 2975946  | 2938780  | 2949320  | 0.79   | cps   |
| Chromium   | 52-2  | 3504     | 3470     | 3514     | 3496     | 0.65   | cps   |
| Cobalt     | 59-2  | 260      | 203      | 220      | 228      | 12.79  | cps   |
| Copper     | 63-2  | 1204155  | 1186023  | 1199775  | 1196651  | 0.79   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 67       | 58       | 37.80  | cps   |
| Dysprosium | 156-2 | 27       | 57       | 53       | 46       | 36.09  | cps   |
| Erbium     | 164-1 | 108      | 92       | 50       | 83       | 36.06  | cps   |
| Erbium     | 164-2 | 27       | 53       | 83       | 54       | 52.07  | cps   |
| Gadolinium | 160-1 | 208      | 358      | 275      | 281      | 26.79  | cps   |
| Gadolinium | 160-2 | 253      | 230      | 213      | 232      | 8.65   | cps   |
| Holmium    | 165-1 | 13168949 | 13335666 | 13001386 | 13168667 | 1.27   | cps   |
| Holmium    | 165-2 | 8422316  | 8337130  | 8454912  | 8404786  | 0.72   | cps   |
| Indium     | 115-1 | 11022206 | 10924424 | 10927655 | 10958095 | 0.51   | cps   |
| Indium     | 115-2 | 2640166  | 2657075  | 2630213  | 2642484  | 0.51   | cps   |
| Iron       | 56-2  | 129783   | 132424   | 129120   | 130442   | 1.34   | cps   |
| Iron       | 57-2  | 3990     | 3906     | 3995     | 3964     | 1.26   | cps   |
| Lead       | 206-1 | 2573     | 2634     | 2745     | 2650     | 3.29   | cps   |
| Lead       | 207-1 | 2261     | 2206     | 2356     | 2274     | 3.34   | cps   |
| Lead       | 208-1 | 10274    | 10191    | 10752    | 10406    | 2.91   | cps   |
| Lithium    | 6-1   | 413358   | 417401   | 414573   | 415111   | 0.50   | cps   |
| Magnesium  | 24-2  | 358456   | 358438   | 362752   | 359882   | 0.69   | cps   |
| Manganese  | 55-2  | 33285    | 32503    | 33308    | 33032    | 1.39   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-06-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:05:17   | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1208     | 1008     | 900      | 1039     | 15.06  | cps   |
| Molybdenum | 95-1  | 442      | 383      | 400      | 408      | 7.36   | cps   |
| Molybdenum | 96-1  | 575      | 617      | 625      | 606      | 4.42   | cps   |
| Molybdenum | 97-1  | 242      | 208      | 242      | 231      | 8.35   | cps   |
| Molybdenum | 98-1  | 650      | 592      | 592      | 611      | 5.51   | cps   |
| Neodymium  | 150-1 | 33       | 60       | 60       | 51       | 30.13  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 37       | 23       | 51.52  | cps   |
| Nickel     | 60-2  | 997      | 1040     | 1090     | 1042     | 4.48   | cps   |
| Phosphorus | 31-2  | 6160     | 6126     | 6135     | 6140     | 0.28   | cps   |
| Potassium  | 39-2  | 207302   | 210254   | 211334   | 209630   | 1.00   | cps   |
| Rhodium    | 103-1 | 10093632 | 10195742 | 9864156  | 10051177 | 1.69   | cps   |
| Rhodium    | 103-2 | 5487987  | 5469908  | 5520701  | 5492865  | 0.47   | cps   |
| Scandium   | 45-1  | 5417115  | 5468874  | 5389429  | 5425139  | 0.74   | cps   |
| Scandium   | 45-2  | 331953   | 335543   | 334478   | 333991   | 0.55   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 122      | 107      | 130      | 120      | 9.45   | cps   |
| Selenium   | 82-1  | 35       | 275      | 65       | 125      | 104.73 | cps   |
| Silicon    | 28-1  | 5751335  | 5876197  | 5657214  | 5761582  | 1.91   | cps   |
| Silver     | 109-1 | 158      | 83       | 92       | 111      | 37.00  | cps   |
| Silver     | 107-1 | 208      | 225      | 208      | 214      | 4.50   | cps   |
| Sodium     | 23-2  | 5676438  | 5644970  | 5713531  | 5678313  | 0.60   | cps   |
| Strontium  | 86-1  | 81892    | 81716    | 79931    | 81180    | 1.34   | cps   |
| Strontium  | 88-1  | 711456   | 709638   | 703640   | 708245   | 0.58   | cps   |
| Sulfur     | 34-1  | 423583   | 414633   | 421413   | 419876   | 1.11   | cps   |
| Terbium    | 159-1 | 13605028 | 13734591 | 13647954 | 13662524 | 0.48   | cps   |
| Terbium    | 159-2 | 8492086  | 8391964  | 8452601  | 8445550  | 0.60   | cps   |
| Thallium   | 203-1 | 433      | 433      | 425      | 431      | 1.12   | cps   |
| Thallium   | 205-1 | 1083     | 950      | 858      | 964      | 11.74  | cps   |
| Tin        | 118-1 | 1475     | 1717     | 1517     | 1570     | 8.23   | cps   |
| Titanium   | 47-1  | 1619     | 933      | 875      | 1142     | 36.19  | cps   |
| Uranium    | 238-1 | 500      | 383      | 492      | 458      | 14.20  | cps   |
| Vanadium   | 51-2  | 197      | 220      | 253      | 223      | 12.75  | cps   |
| Yttrium    | 89-1  | 10806542 | 10841657 | 10817572 | 10821923 | 0.17   | cps   |
| Yttrium    | 89-2  | 1934940  | 1919638  | 1946190  | 1933589  | 0.69   | cps   |
| Zinc       | 66-2  | 10961    | 11211    | 11531    | 11234    | 2.55   | cps   |
| Zirconium  | 90-1  | 2850     | 2584     | 2559     | 2664     | 6.07   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-06              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-06-BS-KI-W3-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:05:17   | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 517  | 500  | 633  | 550     | 13.21  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 192      | 192      | 142      | 175      | 16.50  | cps   |
| Antimony   | 121-1 | 500      | 283      | 458      | 414      | 27.78  | cps   |
| Arsenic    | 75-2  | 24       | 19       | 20       | 21       | 13.47  | cps   |
| Barium     | 135-1 | 92       | 33       | 33       | 53       | 63.82  | cps   |
| Barium     | 137-1 | 92       | 42       | 208      | 114      | 75.10  | cps   |
| Beryllium  | 9-1   | 17       | 28       | 17       | 20       | 31.48  | cps   |
| Bismuth    | 209-1 | 8602573  | 8519069  | 8679025  | 8600222  | 0.93   | cps   |
| Bismuth    | 209-2 | 6208403  | 6204271  | 6253244  | 6221973  | 0.44   | cps   |
| Boron      | 10-1  | 300      | 283      | 200      | 261      | 20.52  | cps   |
| Boron      | 11-1  | 1333     | 1233     | 1317     | 1295     | 4.14   | cps   |
| Cadmium    | 111-1 | 3834     | 3573     | 3550     | 3653     | 4.32   | cps   |
| Cadmium    | 106-1 | 5468     | 5118     | 5043     | 5210     | 4.36   | cps   |
| Cadmium    | 108-1 | 8        | 25       | 13       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 1867     | 1742     | 1717     | 1775     | 4.53   | cps   |
| Calcium    | 44-1  | 53264    | 53549    | 54234    | 53682    | 0.93   | cps   |
| Chromium   | 52-2  | 2387     | 2240     | 2320     | 2316     | 3.17   | cps   |
| Cobalt     | 59-2  | 130      | 100      | 130      | 120      | 14.43  | cps   |
| Copper     | 63-2  | 2097     | 2060     | 2090     | 2082     | 0.94   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 33       | 11       | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 25       | 58       | 67       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Gadolinium | 160-1 | 208      | 200      | 133      | 181      | 22.77  | cps   |
| Gadolinium | 160-2 | 177      | 197      | 177      | 183      | 6.30   | cps   |
| Holmium    | 165-1 | 12987607 | 12852675 | 12937199 | 12925827 | 0.53   | cps   |
| Holmium    | 165-2 | 8197468  | 8269419  | 8406690  | 8291192  | 1.28   | cps   |
| Indium     | 115-1 | 10831715 | 10698579 | 10816964 | 10782419 | 0.68   | cps   |
| Indium     | 115-2 | 2601044  | 2599231  | 2623604  | 2607960  | 0.52   | cps   |
| Iron       | 56-2  | 8247     | 7830     | 7586     | 7888     | 4.24   | cps   |
| Iron       | 57-2  | 417      | 389      | 411      | 406      | 3.62   | cps   |
| Lead       | 206-1 | 5658123  | 5596682  | 5619441  | 5624749  | 0.55   | cps   |
| Lead       | 207-1 | 5130569  | 5061976  | 5089539  | 5094028  | 0.68   | cps   |
| Lead       | 208-1 | 23749942 | 23467365 | 23636070 | 23617792 | 0.60   | cps   |
| Lithium    | 6-1   | 407933   | 400363   | 412059   | 406785   | 1.46   | cps   |
| Magnesium  | 24-2  | 375      | 308      | 300      | 328      | 12.54  | cps   |
| Manganese  | 55-2  | 147      | 97       | 133      | 126      | 20.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 325      | 300      | 300      | 308      | 4.68   | cps   |
| Molybdenum | 95-1  | 117      | 158      | 150      | 142      | 15.56  | cps   |
| Molybdenum | 96-1  | 283      | 283      | 183      | 250      | 23.10  | cps   |
| Molybdenum | 97-1  | 142      | 133      | 125      | 133      | 6.25   | cps   |
| Molybdenum | 98-1  | 242      | 175      | 283      | 233      | 23.42  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 7        | 0        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 67       | 83       | 87       | 79       | 13.58  | cps   |
| Phosphorus | 31-2  | 392      | 300      | 383      | 358      | 14.15  | cps   |
| Potassium  | 39-2  | 53070    | 53063    | 53698    | 53277    | 0.68   | cps   |
| Rhodium    | 103-1 | 9995084  | 9855974  | 9912236  | 9921098  | 0.71   | cps   |
| Rhodium    | 103-2 | 5462312  | 5476442  | 5516521  | 5485092  | 0.51   | cps   |
| Scandium   | 45-1  | 5308867  | 5262164  | 5292444  | 5287825  | 0.45   | cps   |
| Scandium   | 45-2  | 329706   | 331620   | 331405   | 330910   | 0.32   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 78       | 117      | 124      | 106      | 23.42  | cps   |
| Selenium   | 82-1  | 30       | 172      | 134      | 112      | 65.22  | cps   |
| Silicon    | 28-1  | 248025   | 248939   | 253149   | 250038   | 1.09   | cps   |
| Silver     | 109-1 | 108      | 75       | 100      | 94       | 18.37  | cps   |
| Silver     | 107-1 | 192      | 283      | 150      | 208      | 32.74  | cps   |
| Sodium     | 23-2  | 35911    | 35000    | 35176    | 35362    | 1.37   | cps   |
| Strontium  | 86-1  | 967      | 1175     | 1025     | 1056     | 10.18  | cps   |
| Strontium  | 88-1  | 917      | 1108     | 867      | 964      | 13.23  | cps   |
| Sulfur     | 34-1  | 351843   | 356411   | 354452   | 354236   | 0.65   | cps   |
| Terbium    | 159-1 | 13473659 | 13229200 | 13351183 | 13351348 | 0.92   | cps   |
| Terbium    | 159-2 | 8331699  | 8286439  | 8439360  | 8352499  | 0.94   | cps   |
| Thallium   | 203-1 | 400      | 350      | 367      | 372      | 6.84   | cps   |
| Thallium   | 205-1 | 800      | 1017     | 767      | 861      | 15.76  | cps   |
| Tin        | 118-1 | 1075     | 1100     | 1175     | 1117     | 4.66   | cps   |
| Titanium   | 47-1  | 250      | 208      | 183      | 214      | 15.75  | cps   |
| Uranium    | 238-1 | 42       | 117      | 75       | 78       | 48.31  | cps   |
| Vanadium   | 51-2  | 53       | 43       | 73       | 57       | 26.96  | cps   |
| Yttrium    | 89-1  | 10724973 | 10590645 | 10612527 | 10642715 | 0.68   | cps   |
| Yttrium    | 89-2  | 1907736  | 1897198  | 1909475  | 1904803  | 0.35   | cps   |
| Zinc       | 66-2  | 493      | 507      | 433      | 478      | 8.18   | cps   |
| Zirconium  | 90-1  | 675      | 758      | 700      | 711      | 6.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:08:41 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 125  | 83   | 114     | 23.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 83       | 158      | 125      | 30.55  | cps   |
| Antimony   | 121-1 | 383      | 433      | 483      | 433      | 11.54  | cps   |
| Arsenic    | 75-2  | 6        | 22       | 20       | 16       | 56.89  | cps   |
| Barium     | 135-1 | 50       | 58       | 25       | 44       | 39.04  | cps   |
| Barium     | 137-1 | 50       | 33       | 50       | 44       | 21.66  | cps   |
| Beryllium  | 9-1   | 28       | 11       | 28       | 22       | 43.31  | cps   |
| Bismuth    | 209-1 | 8657921  | 8609473  | 8672572  | 8646655  | 0.38   | cps   |
| Bismuth    | 209-2 | 6228727  | 6256087  | 6296961  | 6260592  | 0.55   | cps   |
| Boron      | 10-1  | 275      | 150      | 192      | 206      | 30.96  | cps   |
| Boron      | 11-1  | 1033     | 1092     | 892      | 1006     | 10.23  | cps   |
| Cadmium    | 111-1 | 3477     | 3729     | 3561     | 3589     | 3.58   | cps   |
| Cadmium    | 106-1 | 4993     | 5335     | 5076     | 5134     | 3.47   | cps   |
| Cadmium    | 108-1 | 38       | 25       | 25       | 29       | 24.74  | cps   |
| Calcium    | 43-1  | 1275     | 1333     | 1142     | 1250     | 7.86   | cps   |
| Calcium    | 44-1  | 45463    | 46073    | 45413    | 45650    | 0.81   | cps   |
| Chromium   | 52-2  | 2267     | 2167     | 2174     | 2202     | 2.54   | cps   |
| Cobalt     | 59-2  | 83       | 77       | 87       | 82       | 6.19   | cps   |
| Copper     | 63-2  | 1873     | 1870     | 1683     | 1809     | 6.01   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 58       | 33       | 42       | 34.65  | cps   |
| Erbium     | 164-2 | 33       | 30       | 20       | 28       | 24.98  | cps   |
| Gadolinium | 160-1 | 183      | 183      | 167      | 178      | 5.41   | cps   |
| Gadolinium | 160-2 | 197      | 230      | 177      | 201      | 13.40  | cps   |
| Holmium    | 165-1 | 13054536 | 12907722 | 13014000 | 12992086 | 0.58   | cps   |
| Holmium    | 165-2 | 8355039  | 8356063  | 8410896  | 8373999  | 0.38   | cps   |
| Indium     | 115-1 | 10820919 | 10771874 | 10859622 | 10817471 | 0.41   | cps   |
| Indium     | 115-2 | 2625522  | 2647947  | 2630917  | 2634795  | 0.44   | cps   |
| Iron       | 56-2  | 6579     | 7447     | 6796     | 6941     | 6.50   | cps   |
| Iron       | 57-2  | 350      | 406      | 467      | 407      | 14.32  | cps   |
| Lead       | 206-1 | 2945     | 3123     | 2973     | 3013     | 3.17   | cps   |
| Lead       | 207-1 | 2850     | 2728     | 2545     | 2708     | 5.68   | cps   |
| Lead       | 208-1 | 12625    | 12419    | 12219    | 12421    | 1.63   | cps   |
| Lithium    | 6-1   | 406982   | 409105   | 412948   | 409678   | 0.74   | cps   |
| Magnesium  | 24-2  | 258      | 225      | 208      | 231      | 11.04  | cps   |
| Manganese  | 55-2  | 90       | 87       | 67       | 81       | 15.56  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 308      | 358      | 292      | 319      | 10.86  | cps   |
| Molybdenum | 95-1  | 158      | 167      | 167      | 164      | 2.93   | cps   |
| Molybdenum | 96-1  | 200      | 275      | 225      | 233      | 16.37  | cps   |
| Molybdenum | 97-1  | 92       | 83       | 108      | 94       | 13.48  | cps   |
| Molybdenum | 98-1  | 225      | 200      | 283      | 236      | 18.11  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Nickel     | 60-2  | 83       | 113      | 70       | 89       | 24.97  | cps   |
| Phosphorus | 31-2  | 475      | 367      | 283      | 375      | 25.63  | cps   |
| Potassium  | 39-2  | 52369    | 51716    | 51599    | 51895    | 0.80   | cps   |
| Rhodium    | 103-1 | 9981540  | 9965541  | 10107450 | 10018177 | 0.78   | cps   |
| Rhodium    | 103-2 | 5524277  | 5506320  | 5527854  | 5519484  | 0.21   | cps   |
| Scandium   | 45-1  | 5288138  | 5271542  | 5281641  | 5280440  | 0.16   | cps   |
| Scandium   | 45-2  | 332986   | 329717   | 332978   | 331894   | 0.57   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 94       | 80       | 100      | 23.64  | cps   |
| Selenium   | 82-1  | 33       | 109      | 131      | 91       | 56.34  | cps   |
| Silicon    | 28-1  | 212700   | 216899   | 213840   | 214480   | 1.01   | cps   |
| Silver     | 109-1 | 125      | 83       | 83       | 97       | 24.74  | cps   |
| Silver     | 107-1 | 158      | 142      | 92       | 131      | 26.57  | cps   |
| Sodium     | 23-2  | 33572    | 32854    | 32570    | 32998    | 1.57   | cps   |
| Strontium  | 86-1  | 925      | 983      | 1100     | 1003     | 8.89   | cps   |
| Strontium  | 88-1  | 358      | 450      | 425      | 411      | 11.53  | cps   |
| Sulfur     | 34-1  | 358977   | 356536   | 354449   | 356654   | 0.64   | cps   |
| Terbium    | 159-1 | 13409820 | 13372961 | 13489437 | 13424072 | 0.44   | cps   |
| Terbium    | 159-2 | 8361762  | 8417588  | 8455298  | 8411550  | 0.56   | cps   |
| Thallium   | 203-1 | 350      | 242      | 283      | 292      | 18.74  | cps   |
| Thallium   | 205-1 | 692      | 792      | 525      | 669      | 20.12  | cps   |
| Tin        | 118-1 | 1292     | 1250     | 1383     | 1308     | 5.21   | cps   |
| Titanium   | 47-1  | 117      | 175      | 150      | 147      | 19.88  | cps   |
| Uranium    | 238-1 | 92       | 33       | 108      | 78       | 50.64  | cps   |
| Vanadium   | 51-2  | 20       | 23       | 17       | 20       | 16.65  | cps   |
| Yttrium    | 89-1  | 10653839 | 10498728 | 10563090 | 10571886 | 0.74   | cps   |
| Yttrium    | 89-2  | 1920198  | 1929187  | 1918854  | 1922746  | 0.29   | cps   |
| Zinc       | 66-2  | 117      | 190      | 207      | 171      | 27.98  | cps   |
| Zirconium  | 90-1  | 500      | 708      | 792      | 667      | 22.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB99               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB99               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:12:06 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 50   | 108  | 75      | 40.06  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:15:32   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2142     | 2050     | 1809     | 2000     | 8.61   | cps   |
| Antimony   | 121-1 | 925      | 908      | 983      | 939      | 4.20   | cps   |
| Arsenic    | 75-2  | 207      | 191      | 194      | 198      | 4.43   | cps   |
| Barium     | 135-1 | 54165    | 56483    | 56089    | 55579    | 2.23   | cps   |
| Barium     | 137-1 | 95628    | 96418    | 98196    | 96747    | 1.36   | cps   |
| Beryllium  | 9-1   | 17       | 39       | 56       | 37       | 52.68  | cps   |
| Bismuth    | 209-1 | 8774455  | 8316200  | 8557698  | 8549451  | 2.68   | cps   |
| Bismuth    | 209-2 | 6415688  | 6305729  | 6249892  | 6323769  | 1.33   | cps   |
| Boron      | 10-1  | 750      | 667      | 583      | 667      | 12.50  | cps   |
| Boron      | 11-1  | 3651     | 3817     | 3642     | 3703     | 2.67   | cps   |
| Cadmium    | 111-1 | 3826     | 3398     | 3644     | 3623     | 5.93   | cps   |
| Cadmium    | 106-1 | 5401     | 4759     | 5184     | 5115     | 6.38   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 50       | 29       | 65.47  | cps   |
| Calcium    | 43-1  | 180018   | 181146   | 178557   | 179907   | 0.72   | cps   |
| Calcium    | 44-1  | 2931740  | 2963488  | 2975333  | 2956854  | 0.76   | cps   |
| Chromium   | 52-2  | 3417     | 3317     | 3497     | 3410     | 2.65   | cps   |
| Cobalt     | 59-2  | 333      | 320      | 287      | 313      | 7.67   | cps   |
| Copper     | 63-2  | 1215505  | 1218953  | 1219865  | 1218108  | 0.19   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 42       | 67       | 37.50  | cps   |
| Dysprosium | 156-2 | 57       | 47       | 37       | 47       | 21.43  | cps   |
| Erbium     | 164-1 | 133      | 100      | 175      | 136      | 27.61  | cps   |
| Erbium     | 164-2 | 63       | 77       | 43       | 61       | 27.46  | cps   |
| Gadolinium | 160-1 | 200      | 267      | 267      | 244      | 15.75  | cps   |
| Gadolinium | 160-2 | 227      | 270      | 220      | 239      | 11.36  | cps   |
| Holmium    | 165-1 | 13218717 | 12527992 | 12932455 | 12893055 | 2.69   | cps   |
| Holmium    | 165-2 | 8539067  | 8489573  | 8387607  | 8472082  | 0.91   | cps   |
| Indium     | 115-1 | 11042491 | 10467840 | 10825749 | 10778693 | 2.69   | cps   |
| Indium     | 115-2 | 2704044  | 2665838  | 2656285  | 2675389  | 0.94   | cps   |
| Iron       | 56-2  | 209710   | 210692   | 214166   | 211523   | 1.11   | cps   |
| Iron       | 57-2  | 6290     | 5846     | 6246     | 6127     | 4.00   | cps   |
| Lead       | 206-1 | 3534     | 3145     | 3612     | 3430     | 7.29   | cps   |
| Lead       | 207-1 | 3023     | 3112     | 3273     | 3136     | 4.04   | cps   |
| Lead       | 208-1 | 14292    | 13303    | 14198    | 13931    | 3.92   | cps   |
| Lithium    | 6-1   | 415700   | 392173   | 406942   | 404938   | 2.94   | cps   |
| Magnesium  | 24-2  | 364600   | 367597   | 366960   | 366386   | 0.43   | cps   |
| Manganese  | 55-2  | 64287    | 62663    | 63430    | 63460    | 1.28   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:15:32   | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1367     | 1242     | 1108     | 1239     | 10.43  | cps   |
| Molybdenum | 95-1  | 325      | 325      | 458      | 369      | 20.84  | cps   |
| Molybdenum | 96-1  | 592      | 583      | 525      | 567      | 6.41   | cps   |
| Molybdenum | 97-1  | 225      | 250      | 317      | 264      | 17.96  | cps   |
| Molybdenum | 98-1  | 517      | 600      | 583      | 567      | 7.78   | cps   |
| Neodymium  | 150-1 | 67       | 87       | 67       | 73       | 15.75  | cps   |
| Neodymium  | 150-2 | 53       | 17       | 20       | 30       | 67.59  | cps   |
| Nickel     | 60-2  | 1800     | 1657     | 1687     | 1715     | 4.41   | cps   |
| Phosphorus | 31-2  | 6410     | 5985     | 6327     | 6240     | 3.61   | cps   |
| Potassium  | 39-2  | 211645   | 209417   | 210766   | 210610   | 0.53   | cps   |
| Rhodium    | 103-1 | 10245578 | 9691210  | 9786001  | 9907596  | 2.99   | cps   |
| Rhodium    | 103-2 | 5963281  | 5567087  | 5583043  | 5704470  | 3.93   | cps   |
| Scandium   | 45-1  | 5422388  | 5312418  | 5445677  | 5393494  | 1.32   | cps   |
| Scandium   | 45-2  | 347466   | 341227   | 335286   | 341326   | 1.78   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 120      | 119      | 98       | 112      | 10.97  | cps   |
| Selenium   | 82-1  | 71       | 116      | 176      | 121      | 43.54  | cps   |
| Silicon    | 28-1  | 5706571  | 5772744  | 5830463  | 5769926  | 1.07   | cps   |
| Silver     | 109-1 | 167      | 150      | 125      | 147      | 14.24  | cps   |
| Silver     | 107-1 | 167      | 100      | 167      | 144      | 26.64  | cps   |
| Sodium     | 23-2  | 5728467  | 5794021  | 5751591  | 5758027  | 0.58   | cps   |
| Strontium  | 86-1  | 80818    | 81565    | 81498    | 81294    | 0.51   | cps   |
| Strontium  | 88-1  | 707165   | 706058   | 699037   | 704087   | 0.63   | cps   |
| Sulfur     | 34-1  | 429408   | 425041   | 421912   | 425453   | 0.88   | cps   |
| Terbium    | 159-1 | 13686249 | 12921295 | 13388682 | 13332075 | 2.89   | cps   |
| Terbium    | 159-2 | 8646676  | 8448336  | 8492863  | 8529292  | 1.22   | cps   |
| Thallium   | 203-1 | 342      | 367      | 300      | 336      | 10.02  | cps   |
| Thallium   | 205-1 | 892      | 942      | 842      | 892      | 5.61   | cps   |
| Tin        | 118-1 | 1508     | 1525     | 1517     | 1517     | 0.55   | cps   |
| Titanium   | 47-1  | 792      | 1175     | 975      | 981      | 19.55  | cps   |
| Uranium    | 238-1 | 492      | 425      | 433      | 450      | 8.07   | cps   |
| Vanadium   | 51-2  | 353      | 290      | 290      | 311      | 11.75  | cps   |
| Yttrium    | 89-1  | 10847843 | 10233091 | 10612404 | 10564446 | 2.94   | cps   |
| Yttrium    | 89-2  | 1973899  | 1951186  | 1951969  | 1959018  | 0.66   | cps   |
| Zinc       | 66-2  | 16153    | 15785    | 15909    | 15949    | 1.17   | cps   |
| Zirconium  | 90-1  | 3309     | 3284     | 2567     | 3053     | 13.80  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-07              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-07-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:15:32   | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 667  | 692  | 600  | 653     | 7.26   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1467     | 1843     | 1634     | 1648     | 11.43  | cps   |
| Antimony   | 121-1 | 1042     | 1017     | 1083     | 1047     | 3.22   | cps   |
| Arsenic    | 75-2  | 206      | 202      | 252      | 220      | 12.68  | cps   |
| Barium     | 135-1 | 51421    | 53571    | 52006    | 52333    | 2.12   | cps   |
| Barium     | 137-1 | 90586    | 90436    | 90536    | 90519    | 0.08   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 17       | 20       | 31.48  | cps   |
| Bismuth    | 209-1 | 8502605  | 8158053  | 8499249  | 8386636  | 2.36   | cps   |
| Bismuth    | 209-2 | 6328465  | 6281768  | 6167420  | 6259218  | 1.32   | cps   |
| Boron      | 10-1  | 542      | 708      | 608      | 619      | 13.54  | cps   |
| Boron      | 11-1  | 3767     | 3851     | 4059     | 3892     | 3.86   | cps   |
| Cadmium    | 111-1 | 3624     | 3648     | 3552     | 3608     | 1.37   | cps   |
| Cadmium    | 106-1 | 5126     | 5210     | 5026     | 5121     | 1.79   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 173033   | 175503   | 171957   | 173497   | 1.05   | cps   |
| Calcium    | 44-1  | 2844809  | 2852843  | 2832052  | 2843235  | 0.37   | cps   |
| Chromium   | 52-2  | 3681     | 3817     | 3787     | 3762     | 1.91   | cps   |
| Cobalt     | 59-2  | 213      | 190      | 263      | 222      | 16.86  | cps   |
| Copper     | 63-2  | 1079438  | 1084285  | 1084935  | 1082886  | 0.28   | cps   |
| Dysprosium | 156-1 | 158      | 25       | 42       | 75       | 96.86  | cps   |
| Dysprosium | 156-2 | 33       | 37       | 43       | 38       | 13.48  | cps   |
| Erbium     | 164-1 | 75       | 117      | 117      | 103      | 23.41  | cps   |
| Erbium     | 164-2 | 37       | 77       | 60       | 58       | 34.77  | cps   |
| Gadolinium | 160-1 | 192      | 192      | 275      | 219      | 21.92  | cps   |
| Gadolinium | 160-2 | 227      | 217      | 197      | 213      | 7.16   | cps   |
| Holmium    | 165-1 | 12871356 | 12564930 | 12766106 | 12734131 | 1.22   | cps   |
| Holmium    | 165-2 | 8631421  | 8580657  | 8297426  | 8503168  | 2.12   | cps   |
| Indium     | 115-1 | 10753792 | 10419862 | 10804416 | 10659357 | 1.96   | cps   |
| Indium     | 115-2 | 2677926  | 2650845  | 2633630  | 2654134  | 0.84   | cps   |
| Iron       | 56-2  | 157889   | 156431   | 154766   | 156362   | 1.00   | cps   |
| Iron       | 57-2  | 4823     | 4484     | 4645     | 4651     | 3.65   | cps   |
| Lead       | 206-1 | 2528     | 2745     | 2639     | 2637     | 4.11   | cps   |
| Lead       | 207-1 | 2056     | 2273     | 2184     | 2171     | 5.02   | cps   |
| Lead       | 208-1 | 10057    | 10696    | 10491    | 10415    | 3.13   | cps   |
| Lithium    | 6-1   | 398926   | 393293   | 408878   | 400366   | 1.97   | cps   |
| Magnesium  | 24-2  | 357354   | 353791   | 357588   | 356244   | 0.60   | cps   |
| Manganese  | 55-2  | 43876    | 43133    | 43113    | 43374    | 1.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1083     | 917      | 942      | 981      | 9.17   | cps   |
| Molybdenum | 95-1  | 400      | 383      | 442      | 408      | 7.36   | cps   |
| Molybdenum | 96-1  | 508      | 533      | 533      | 525      | 2.75   | cps   |
| Molybdenum | 97-1  | 233      | 258      | 292      | 261      | 11.21  | cps   |
| Molybdenum | 98-1  | 583      | 633      | 658      | 625      | 6.11   | cps   |
| Neodymium  | 150-1 | 73       | 47       | 40       | 53       | 33.08  | cps   |
| Neodymium  | 150-2 | 30       | 37       | 37       | 34       | 11.18  | cps   |
| Nickel     | 60-2  | 1087     | 1110     | 1143     | 1113     | 2.56   | cps   |
| Phosphorus | 31-2  | 6243     | 6210     | 6327     | 6260     | 0.96   | cps   |
| Potassium  | 39-2  | 208066   | 207940   | 207869   | 207958   | 0.05   | cps   |
| Rhodium    | 103-1 | 9929196  | 9606691  | 9961695  | 9832528  | 2.00   | cps   |
| Rhodium    | 103-2 | 5920609  | 5531694  | 5506462  | 5652921  | 4.11   | cps   |
| Scandium   | 45-1  | 5325149  | 5134930  | 5236169  | 5232083  | 1.82   | cps   |
| Scandium   | 45-2  | 342181   | 337881   | 333899   | 337987   | 1.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 119      | 117      | 93       | 109      | 13.24  | cps   |
| Selenium   | 82-1  | 150      | 160      | 158      | 156      | 3.44   | cps   |
| Silicon    | 28-1  | 5824004  | 5588191  | 5591863  | 5668019  | 2.38   | cps   |
| Silver     | 109-1 | 158      | 92       | 142      | 131      | 26.57  | cps   |
| Silver     | 107-1 | 192      | 225      | 167      | 194      | 15.05  | cps   |
| Sodium     | 23-2  | 5699905  | 5620418  | 5725798  | 5682040  | 0.97   | cps   |
| Strontium  | 86-1  | 77041    | 78708    | 79445    | 78398    | 1.57   | cps   |
| Strontium  | 88-1  | 666088   | 679351   | 675609   | 673683   | 1.02   | cps   |
| Sulfur     | 34-1  | 423610   | 419076   | 420028   | 420905   | 0.57   | cps   |
| Terbium    | 159-1 | 13437629 | 12867794 | 13465832 | 13257085 | 2.55   | cps   |
| Terbium    | 159-2 | 8593067  | 8538488  | 8377399  | 8502985  | 1.32   | cps   |
| Thallium   | 203-1 | 450      | 317      | 325      | 364      | 20.53  | cps   |
| Thallium   | 205-1 | 975      | 925      | 1025     | 975      | 5.13   | cps   |
| Tin        | 118-1 | 1600     | 3329     | 1625     | 2185     | 45.37  | cps   |
| Titanium   | 47-1  | 983      | 925      | 833      | 914      | 8.27   | cps   |
| Uranium    | 238-1 | 467      | 558      | 533      | 519      | 9.12   | cps   |
| Vanadium   | 51-2  | 200      | 240      | 257      | 232      | 12.54  | cps   |
| Yttrium    | 89-1  | 10496195 | 10288695 | 10544725 | 10443205 | 1.30   | cps   |
| Yttrium    | 89-2  | 1972594  | 1932430  | 1932190  | 1945738  | 1.20   | cps   |
| Zinc       | 66-2  | 11585    | 11184    | 11415    | 11395    | 1.76   | cps   |
| Zirconium  | 90-1  | 2417     | 2267     | 2159     | 2281     | 5.69   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-08              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-08-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:18:57   | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 508  | 508  | 408  | 475     | 12.16  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-09-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:22:22   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1792     | 2176     | 1675     | 1881     | 13.92  | cps   |
| Antimony   | 121-1 | 1308     | 1358     | 1250     | 1306     | 4.15   | cps   |
| Arsenic    | 75-2  | 217      | 209      | 222      | 216      | 3.01   | cps   |
| Barium     | 135-1 | 53889    | 53571    | 54633    | 54031    | 1.01   | cps   |
| Barium     | 137-1 | 94698    | 93909    | 95268    | 94625    | 0.72   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 56       | 33       | 57.75  | cps   |
| Bismuth    | 209-1 | 8632465  | 8605398  | 8662156  | 8633340  | 0.33   | cps   |
| Bismuth    | 209-2 | 6302110  | 6296168  | 6874177  | 6490818  | 5.12   | cps   |
| Boron      | 10-1  | 667      | 700      | 775      | 714      | 7.77   | cps   |
| Boron      | 11-1  | 3884     | 3901     | 3834     | 3873     | 0.90   | cps   |
| Cadmium    | 111-1 | 3689     | 3825     | 3781     | 3765     | 1.84   | cps   |
| Cadmium    | 106-1 | 5218     | 5418     | 5310     | 5315     | 1.88   | cps   |
| Cadmium    | 108-1 | 38       | 38       | 21       | 32       | 30.13  | cps   |
| Calcium    | 43-1  | 176129   | 175903   | 178532   | 176855   | 0.82   | cps   |
| Calcium    | 44-1  | 2909964  | 2890836  | 2939720  | 2913507  | 0.85   | cps   |
| Chromium   | 52-2  | 3407     | 3644     | 3677     | 3576     | 4.12   | cps   |
| Cobalt     | 59-2  | 563      | 423      | 513      | 500      | 14.19  | cps   |
| Copper     | 63-2  | 1523080  | 1513258  | 1488114  | 1508151  | 1.20   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 33       | 39       | 24.75  | cps   |
| Dysprosium | 156-2 | 20       | 60       | 50       | 43       | 48.04  | cps   |
| Erbium     | 164-1 | 75       | 125      | 125      | 108      | 26.65  | cps   |
| Erbium     | 164-2 | 43       | 63       | 47       | 51       | 20.96  | cps   |
| Gadolinium | 160-1 | 350      | 117      | 275      | 247      | 48.18  | cps   |
| Gadolinium | 160-2 | 183      | 217      | 263      | 221      | 18.18  | cps   |
| Holmium    | 165-1 | 13136695 | 13022112 | 13177849 | 13112219 | 0.62   | cps   |
| Holmium    | 165-2 | 8540725  | 8533182  | 8677786  | 8583898  | 0.95   | cps   |
| Indium     | 115-1 | 10978617 | 10884234 | 11037140 | 10966664 | 0.70   | cps   |
| Indium     | 115-2 | 2670155  | 2653537  | 2699445  | 2674379  | 0.87   | cps   |
| Iron       | 56-2  | 124384   | 120627   | 120130   | 121714   | 1.91   | cps   |
| Iron       | 57-2  | 3573     | 3484     | 3717     | 3591     | 3.28   | cps   |
| Lead       | 206-1 | 14464    | 13752    | 13696    | 13971    | 3.06   | cps   |
| Lead       | 207-1 | 12089    | 12067    | 12011    | 12056    | 0.33   | cps   |
| Lead       | 208-1 | 56671    | 55492    | 55163    | 55775    | 1.42   | cps   |
| Lithium    | 6-1   | 406865   | 402722   | 417343   | 408977   | 1.84   | cps   |
| Magnesium  | 24-2  | 370190   | 366813   | 362788   | 366597   | 1.01   | cps   |
| Manganese  | 55-2  | 52497    | 52397    | 52373    | 52422    | 0.13   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-09-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:22:22   | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1033     | 958      | 917      | 970      | 6.10   | cps   |
| Molybdenum | 95-1  | 217      | 283      | 367      | 289      | 26.02  | cps   |
| Molybdenum | 96-1  | 575      | 633      | 525      | 578      | 9.38   | cps   |
| Molybdenum | 97-1  | 158      | 292      | 192      | 214      | 32.44  | cps   |
| Molybdenum | 98-1  | 600      | 633      | 658      | 631      | 4.64   | cps   |
| Neodymium  | 150-1 | 33       | 127      | 67       | 76       | 62.61  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 10       | 22       | 48.22  | cps   |
| Nickel     | 60-2  | 16042    | 16266    | 15896    | 16068    | 1.16   | cps   |
| Phosphorus | 31-2  | 5451     | 5635     | 5943     | 5676     | 4.38   | cps   |
| Potassium  | 39-2  | 208809   | 209627   | 205917   | 208118   | 0.94   | cps   |
| Rhodium    | 103-1 | 9999482  | 10043017 | 10110178 | 10050892 | 0.55   | cps   |
| Rhodium    | 103-2 | 5579291  | 5826706  | 5948741  | 5784912  | 3.25   | cps   |
| Scandium   | 45-1  | 5412056  | 5340344  | 5378396  | 5376932  | 0.67   | cps   |
| Scandium   | 45-2  | 340804   | 340041   | 344755   | 341867   | 0.74   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 128      | 104      | 159      | 130      | 21.39  | cps   |
| Selenium   | 82-1  | 97       | 176      | 185      | 153      | 31.76  | cps   |
| Silicon    | 28-1  | 5639466  | 5584142  | 5747593  | 5657067  | 1.47   | cps   |
| Silver     | 109-1 | 192      | 150      | 150      | 164      | 14.68  | cps   |
| Silver     | 107-1 | 175      | 225      | 225      | 208      | 13.86  | cps   |
| Sodium     | 23-2  | 5778980  | 5744871  | 5758580  | 5760811  | 0.30   | cps   |
| Strontium  | 86-1  | 80316    | 79444    | 80040    | 79934    | 0.56   | cps   |
| Strontium  | 88-1  | 693411   | 683911   | 693889   | 690404   | 0.82   | cps   |
| Sulfur     | 34-1  | 423595   | 428534   | 423781   | 425303   | 0.66   | cps   |
| Terbium    | 159-1 | 13622151 | 13367061 | 13554689 | 13514634 | 0.98   | cps   |
| Terbium    | 159-2 | 8599811  | 8487132  | 8671587  | 8586176  | 1.08   | cps   |
| Thallium   | 203-1 | 375      | 367      | 425      | 389      | 8.11   | cps   |
| Thallium   | 205-1 | 1050     | 1108     | 967      | 1042     | 6.84   | cps   |
| Tin        | 118-1 | 1600     | 1817     | 1817     | 1745     | 7.17   | cps   |
| Titanium   | 47-1  | 900      | 825      | 1058     | 928      | 12.84  | cps   |
| Uranium    | 238-1 | 508      | 542      | 342      | 464      | 23.10  | cps   |
| Vanadium   | 51-2  | 263      | 263      | 277      | 268      | 2.87   | cps   |
| Yttrium    | 89-1  | 10723034 | 10709257 | 10826857 | 10753050 | 0.60   | cps   |
| Yttrium    | 89-2  | 1965331  | 1931421  | 1981944  | 1959565  | 1.31   | cps   |
| Zinc       | 66-2  | 210512   | 208760   | 206880   | 208717   | 0.87   | cps   |
| Zirconium  | 90-1  | 2159     | 2109     | 2525     | 2264     | 10.05  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-09-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:22:22   | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 317  | 475  | 411     | 20.30  | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:25:47   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4559     | 4284     | 4701     | 4515     | 4.69   | cps   |
| Antimony   | 121-1 | 1158     | 950      | 1192     | 1100     | 11.91  | cps   |
| Arsenic    | 75-2  | 243      | 259      | 189      | 230      | 15.97  | cps   |
| Barium     | 135-1 | 55545    | 55203    | 55235    | 55328    | 0.34   | cps   |
| Barium     | 137-1 | 96895    | 96786    | 96442    | 96708    | 0.24   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 44       | 24       | 74.19  | cps   |
| Bismuth    | 209-1 | 8604763  | 8493728  | 8685281  | 8594591  | 1.12   | cps   |
| Bismuth    | 209-2 | 6311326  | 6310334  | 6267733  | 6296464  | 0.40   | cps   |
| Boron      | 10-1  | 1959     | 1775     | 1800     | 1845     | 5.39   | cps   |
| Boron      | 11-1  | 9320     | 9303     | 9795     | 9473     | 2.95   | cps   |
| Cadmium    | 111-1 | 3694     | 3760     | 3742     | 3732     | 0.91   | cps   |
| Cadmium    | 106-1 | 5051     | 5243     | 5168     | 5154     | 1.87   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 54       | 29       | 75.60  | cps   |
| Calcium    | 43-1  | 166013   | 164396   | 168864   | 166424   | 1.36   | cps   |
| Calcium    | 44-1  | 2723733  | 2725714  | 2720658  | 2723369  | 0.09   | cps   |
| Chromium   | 52-2  | 3977     | 3881     | 4107     | 3988     | 2.85   | cps   |
| Cobalt     | 59-2  | 4277     | 4301     | 4134     | 4237     | 2.13   | cps   |
| Copper     | 63-2  | 1732197  | 1753487  | 1745526  | 1743737  | 0.62   | cps   |
| Dysprosium | 156-1 | 175      | 183      | 75       | 144      | 41.74  | cps   |
| Dysprosium | 156-2 | 73       | 60       | 80       | 71       | 14.32  | cps   |
| Erbium     | 164-1 | 167      | 117      | 133      | 139      | 18.33  | cps   |
| Erbium     | 164-2 | 100      | 120      | 103      | 108      | 9.94   | cps   |
| Gadolinium | 160-1 | 367      | 375      | 333      | 358      | 6.15   | cps   |
| Gadolinium | 160-2 | 230      | 267      | 273      | 257      | 9.09   | cps   |
| Holmium    | 165-1 | 13110989 | 13216706 | 13141311 | 13156335 | 0.41   | cps   |
| Holmium    | 165-2 | 8537242  | 8628103  | 8505997  | 8557114  | 0.74   | cps   |
| Indium     | 115-1 | 11002035 | 10883299 | 10841458 | 10908930 | 0.76   | cps   |
| Indium     | 115-2 | 2627564  | 2671810  | 2651873  | 2650415  | 0.84   | cps   |
| Iron       | 56-2  | 522122   | 523526   | 520538   | 522062   | 0.29   | cps   |
| Iron       | 57-2  | 14107    | 13868    | 13851    | 13942    | 1.03   | cps   |
| Lead       | 206-1 | 11450    | 11617    | 11583    | 11550    | 0.76   | cps   |
| Lead       | 207-1 | 9726     | 10043    | 9748     | 9839     | 1.80   | cps   |
| Lead       | 208-1 | 45459    | 45493    | 45771    | 45574    | 0.38   | cps   |
| Lithium    | 6-1   | 410407   | 404131   | 406841   | 407126   | 0.77   | cps   |
| Magnesium  | 24-2  | 538920   | 544978   | 538989   | 540962   | 0.64   | cps   |
| Manganese  | 55-2  | 161746   | 161276   | 161391   | 161471   | 0.15   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:25:47   | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1100     | 1042     | 1075     | 1072     | 2.73   | cps   |
| Molybdenum | 95-1  | 558      | 525      | 475      | 519      | 8.07   | cps   |
| Molybdenum | 96-1  | 708      | 692      | 742      | 714      | 3.57   | cps   |
| Molybdenum | 97-1  | 367      | 225      | 250      | 281      | 26.95  | cps   |
| Molybdenum | 98-1  | 750      | 733      | 675      | 720      | 5.47   | cps   |
| Neodymium  | 150-1 | 120      | 113      | 260      | 164      | 50.38  | cps   |
| Neodymium  | 150-2 | 83       | 73       | 107      | 88       | 19.49  | cps   |
| Nickel     | 60-2  | 46938    | 47223    | 46330    | 46830    | 0.97   | cps   |
| Phosphorus | 31-2  | 5443     | 4426     | 4568     | 4812     | 11.45  | cps   |
| Potassium  | 39-2  | 215713   | 213812   | 214910   | 214812   | 0.44   | cps   |
| Rhodium    | 103-1 | 9994350  | 10047103 | 10044803 | 10028752 | 0.30   | cps   |
| Rhodium    | 103-2 | 5471811  | 5559279  | 5539495  | 5523528  | 0.83   | cps   |
| Scandium   | 45-1  | 5409521  | 5412746  | 5328442  | 5383570  | 0.89   | cps   |
| Scandium   | 45-2  | 334530   | 336505   | 337443   | 336159   | 0.44   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 107      | 111      | 120      | 113      | 5.91   | cps   |
| Selenium   | 82-1  | 236      | 153      | 127      | 172      | 33.08  | cps   |
| Silicon    | 28-1  | 6667566  | 6532878  | 6572025  | 6590823  | 1.05   | cps   |
| Silver     | 109-1 | 292      | 250      | 158      | 233      | 29.23  | cps   |
| Silver     | 107-1 | 208      | 333      | 258      | 267      | 23.59  | cps   |
| Sodium     | 23-2  | 5845259  | 5831138  | 5818324  | 5831574  | 0.23   | cps   |
| Strontium  | 86-1  | 77476    | 75231    | 76403    | 76370    | 1.47   | cps   |
| Strontium  | 88-1  | 665842   | 659702   | 665296   | 663613   | 0.51   | cps   |
| Sulfur     | 34-1  | 429983   | 419331   | 416981   | 422098   | 1.64   | cps   |
| Terbium    | 159-1 | 13624966 | 13312159 | 13514589 | 13483905 | 1.18   | cps   |
| Terbium    | 159-2 | 8524127  | 8579529  | 8516883  | 8540179  | 0.40   | cps   |
| Thallium   | 203-1 | 425      | 542      | 575      | 514      | 15.33  | cps   |
| Thallium   | 205-1 | 1100     | 1133     | 1133     | 1122     | 1.71   | cps   |
| Tin        | 118-1 | 3617     | 3209     | 3176     | 3334     | 7.38   | cps   |
| Titanium   | 47-1  | 1600     | 1617     | 1809     | 1675     | 6.91   | cps   |
| Uranium    | 238-1 | 542      | 458      | 567      | 522      | 10.86  | cps   |
| Vanadium   | 51-2  | 540      | 470      | 527      | 512      | 7.26   | cps   |
| Yttrium    | 89-1  | 10848438 | 10736694 | 10800317 | 10795149 | 0.52   | cps   |
| Yttrium    | 89-2  | 1952539  | 1956361  | 1945329  | 1951410  | 0.29   | cps   |
| Zinc       | 66-2  | 141128   | 141104   | 139445   | 140559   | 0.69   | cps   |
| Zirconium  | 90-1  | 2134     | 2626     | 1825     | 2195     | 18.39  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-10-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:25:47   | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 425  | 408  | 439     | 8.97   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-11-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:29:12   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2592     | 2492     | 2417     | 2500     | 3.51   | cps   |
| Antimony   | 121-1 | 1383     | 1175     | 1467     | 1342     | 11.20  | cps   |
| Arsenic    | 75-2  | 202      | 202      | 206      | 203      | 1.05   | cps   |
| Barium     | 135-1 | 54810    | 53980    | 52509    | 53766    | 2.17   | cps   |
| Barium     | 137-1 | 93029    | 94999    | 91887    | 93305    | 1.69   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 39       | 24       | 53.28  | cps   |
| Bismuth    | 209-1 | 8618689  | 8674897  | 8654118  | 8649235  | 0.33   | cps   |
| Bismuth    | 209-2 | 6121854  | 6169369  | 6185397  | 6158874  | 0.54   | cps   |
| Boron      | 10-1  | 1342     | 1225     | 1300     | 1289     | 4.59   | cps   |
| Boron      | 11-1  | 6485     | 6268     | 6693     | 6482     | 3.28   | cps   |
| Cadmium    | 111-1 | 3624     | 3671     | 3451     | 3582     | 3.23   | cps   |
| Cadmium    | 106-1 | 5134     | 5210     | 4918     | 5087     | 2.98   | cps   |
| Cadmium    | 108-1 | 17       | 25       | 29       | 24       | 26.95  | cps   |
| Calcium    | 43-1  | 169503   | 169619   | 172039   | 170387   | 0.84   | cps   |
| Calcium    | 44-1  | 2801579  | 2791982  | 2783450  | 2792337  | 0.32   | cps   |
| Chromium   | 52-2  | 3587     | 3707     | 3664     | 3653     | 1.66   | cps   |
| Cobalt     | 59-2  | 2180     | 2274     | 2077     | 2177     | 4.52   | cps   |
| Copper     | 63-2  | 928505   | 925627   | 925437   | 926523   | 0.19   | cps   |
| Dysprosium | 156-1 | 17       | 67       | 33       | 39       | 65.47  | cps   |
| Dysprosium | 156-2 | 10       | 77       | 30       | 39       | 87.97  | cps   |
| Erbium     | 164-1 | 50       | 100      | 100      | 83       | 34.64  | cps   |
| Erbium     | 164-2 | 47       | 43       | 37       | 42       | 12.06  | cps   |
| Gadolinium | 160-1 | 192      | 233      | 208      | 211      | 9.93   | cps   |
| Gadolinium | 160-2 | 240      | 230      | 153      | 208      | 22.82  | cps   |
| Holmium    | 165-1 | 13074085 | 13125396 | 12965819 | 13055100 | 0.62   | cps   |
| Holmium    | 165-2 | 8362808  | 8417716  | 8499219  | 8426581  | 0.81   | cps   |
| Indium     | 115-1 | 10930154 | 10925567 | 10858453 | 10904724 | 0.37   | cps   |
| Indium     | 115-2 | 2605975  | 2600318  | 2607657  | 2604650  | 0.15   | cps   |
| Iron       | 56-2  | 128129   | 127804   | 129156   | 128363   | 0.55   | cps   |
| Iron       | 57-2  | 3534     | 3778     | 3739     | 3684     | 3.57   | cps   |
| Lead       | 206-1 | 7936     | 8014     | 8097     | 8016     | 1.01   | cps   |
| Lead       | 207-1 | 7375     | 7074     | 7085     | 7178     | 2.37   | cps   |
| Lead       | 208-1 | 32561    | 32266    | 32767    | 32531    | 0.77   | cps   |
| Lithium    | 6-1   | 404716   | 396262   | 399493   | 400157   | 1.07   | cps   |
| Magnesium  | 24-2  | 453337   | 447998   | 451858   | 451064   | 0.61   | cps   |
| Manganese  | 55-2  | 39383    | 39179    | 40406    | 39656    | 1.66   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-11-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:29:12   | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 925      | 983      | 1050     | 986      | 6.34   | cps   |
| Molybdenum | 95-1  | 350      | 308      | 333      | 331      | 6.34   | cps   |
| Molybdenum | 96-1  | 400      | 467      | 533      | 467      | 14.29  | cps   |
| Molybdenum | 97-1  | 267      | 250      | 233      | 250      | 6.67   | cps   |
| Molybdenum | 98-1  | 575      | 558      | 475      | 536      | 9.99   | cps   |
| Neodymium  | 150-1 | 60       | 73       | 47       | 60       | 22.22  | cps   |
| Neodymium  | 150-2 | 27       | 20       | 23       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 4617     | 4798     | 4641     | 4685     | 2.09   | cps   |
| Phosphorus | 31-2  | 5410     | 5209     | 5034     | 5218     | 3.60   | cps   |
| Potassium  | 39-2  | 207372   | 205419   | 207270   | 206687   | 0.53   | cps   |
| Rhodium    | 103-1 | 10030320 | 10066832 | 10002931 | 10033361 | 0.32   | cps   |
| Rhodium    | 103-2 | 5458177  | 5448270  | 5427075  | 5444507  | 0.29   | cps   |
| Scandium   | 45-1  | 5447725  | 5374433  | 5398666  | 5406941  | 0.69   | cps   |
| Scandium   | 45-2  | 332348   | 333358   | 334812   | 333506   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 126      | 146      | 133      | 8.86   | cps   |
| Selenium   | 82-1  | 72       | 167      | 125      | 121      | 39.41  | cps   |
| Silicon    | 28-1  | 6111088  | 6118284  | 6101530  | 6110301  | 0.14   | cps   |
| Silver     | 109-1 | 225      | 233      | 192      | 217      | 10.18  | cps   |
| Silver     | 107-1 | 192      | 300      | 233      | 242      | 22.61  | cps   |
| Sodium     | 23-2  | 5710318  | 5701333  | 5771891  | 5727847  | 0.67   | cps   |
| Strontium  | 86-1  | 78481    | 77972    | 78239    | 78230    | 0.33   | cps   |
| Strontium  | 88-1  | 687635   | 677404   | 681919   | 682319   | 0.75   | cps   |
| Sulfur     | 34-1  | 421072   | 421060   | 420216   | 420782   | 0.12   | cps   |
| Terbium    | 159-1 | 13729253 | 13614986 | 13570164 | 13638134 | 0.60   | cps   |
| Terbium    | 159-2 | 8437552  | 8459313  | 8547353  | 8481406  | 0.69   | cps   |
| Thallium   | 203-1 | 333      | 383      | 442      | 386      | 14.04  | cps   |
| Thallium   | 205-1 | 917      | 1092     | 1000     | 1003     | 8.73   | cps   |
| Tin        | 118-1 | 1525     | 1325     | 1592     | 1481     | 9.37   | cps   |
| Titanium   | 47-1  | 767      | 983      | 1746     | 1165     | 44.13  | cps   |
| Uranium    | 238-1 | 392      | 442      | 433      | 422      | 6.35   | cps   |
| Vanadium   | 51-2  | 330      | 357      | 283      | 323      | 11.48  | cps   |
| Yttrium    | 89-1  | 10734462 | 10715532 | 10745667 | 10731887 | 0.14   | cps   |
| Yttrium    | 89-2  | 1914525  | 1910437  | 1918580  | 1914514  | 0.21   | cps   |
| Zinc       | 66-2  | 30890    | 30479    | 31771    | 31047    | 2.13   | cps   |
| Zirconium  | 90-1  | 2925     | 2575     | 2200     | 2567     | 14.13  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-11-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:29:12   | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 500  | 500  | 475  | 492     | 2.94   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-12 Instrumnet Name : P7  
 Client Sample ID : DC14598-12-BS-KI-W4-F Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 17:32:37 DataFile Name : 035SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2426     | 1817     | 1625     | 1956     | 21.37  | cps   |
| Antimony   | 121-1 | 725      | 1075     | 717      | 839      | 24.38  | cps   |
| Arsenic    | 75-2  | 209      | 178      | 204      | 197      | 8.53   | cps   |
| Barium     | 135-1 | 55478    | 57519    | 56541    | 56513    | 1.81   | cps   |
| Barium     | 137-1 | 96291    | 99077    | 98430    | 97933    | 1.49   | cps   |
| Beryllium  | 9-1   | 22       | 50       | 17       | 30       | 60.27  | cps   |
| Bismuth    | 209-1 | 8474613  | 8629940  | 8632493  | 8579015  | 1.05   | cps   |
| Bismuth    | 209-2 | 6245095  | 6344866  | 6351603  | 6313854  | 0.94   | cps   |
| Boron      | 10-1  | 700      | 700      | 675      | 692      | 2.09   | cps   |
| Boron      | 11-1  | 3601     | 3676     | 3617     | 3631     | 1.09   | cps   |
| Cadmium    | 111-1 | 3672     | 3571     | 3538     | 3594     | 1.94   | cps   |
| Cadmium    | 106-1 | 5185     | 5093     | 5043     | 5107     | 1.41   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 13       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 175784   | 179453   | 178565   | 177934   | 1.08   | cps   |
| Calcium    | 44-1  | 2907344  | 2918977  | 2914013  | 2913445  | 0.20   | cps   |
| Chromium   | 52-2  | 3681     | 3911     | 3671     | 3754     | 3.62   | cps   |
| Cobalt     | 59-2  | 293      | 330      | 303      | 309      | 6.14   | cps   |
| Copper     | 63-2  | 1148357  | 1147946  | 1140646  | 1145649  | 0.38   | cps   |
| Dysprosium | 156-1 | 33       | 83       | 25       | 47       | 66.82  | cps   |
| Dysprosium | 156-2 | 40       | 40       | 20       | 33       | 34.64  | cps   |
| Erbium     | 164-1 | 100      | 133      | 125      | 119      | 14.53  | cps   |
| Erbium     | 164-2 | 63       | 43       | 63       | 57       | 20.38  | cps   |
| Gadolinium | 160-1 | 233      | 242      | 217      | 231      | 5.52   | cps   |
| Gadolinium | 160-2 | 183      | 220      | 180      | 194      | 11.42  | cps   |
| Holmium    | 165-1 | 12915057 | 13346372 | 13107093 | 13122840 | 1.65   | cps   |
| Holmium    | 165-2 | 8570067  | 8661401  | 8660140  | 8630536  | 0.61   | cps   |
| Indium     | 115-1 | 10913415 | 11184167 | 10900886 | 10999490 | 1.46   | cps   |
| Indium     | 115-2 | 2668117  | 2682584  | 2672238  | 2674313  | 0.28   | cps   |
| Iron       | 56-2  | 138477   | 131109   | 131698   | 133762   | 3.06   | cps   |
| Iron       | 57-2  | 4062     | 3856     | 4067     | 3995     | 3.01   | cps   |
| Lead       | 206-1 | 2878     | 2578     | 2873     | 2776     | 6.18   | cps   |
| Lead       | 207-1 | 2473     | 2467     | 2273     | 2404     | 4.74   | cps   |
| Lead       | 208-1 | 10930    | 11097    | 11208    | 11078    | 1.26   | cps   |
| Lithium    | 6-1   | 409168   | 408971   | 406073   | 408071   | 0.42   | cps   |
| Magnesium  | 24-2  | 369397   | 366560   | 371677   | 369212   | 0.69   | cps   |
| Manganese  | 55-2  | 47798    | 47259    | 46697    | 47251    | 1.16   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-12-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:32:37   | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 883      | 908      | 633      | 808      | 18.81  | cps   |
| Molybdenum | 95-1  | 433      | 358      | 408      | 400      | 9.55   | cps   |
| Molybdenum | 96-1  | 475      | 583      | 467      | 508      | 12.81  | cps   |
| Molybdenum | 97-1  | 192      | 200      | 258      | 217      | 16.76  | cps   |
| Molybdenum | 98-1  | 533      | 683      | 567      | 594      | 13.25  | cps   |
| Neodymium  | 150-1 | 67       | 67       | 73       | 69       | 5.59   | cps   |
| Neodymium  | 150-2 | 27       | 23       | 33       | 28       | 18.33  | cps   |
| Nickel     | 60-2  | 1320     | 1120     | 1307     | 1249     | 8.95   | cps   |
| Phosphorus | 31-2  | 6435     | 6268     | 5943     | 6215     | 4.02   | cps   |
| Potassium  | 39-2  | 210870   | 209077   | 211835   | 210594   | 0.66   | cps   |
| Rhodium    | 103-1 | 10046402 | 10215189 | 10017790 | 10093127 | 1.06   | cps   |
| Rhodium    | 103-2 | 5548773  | 5971606  | 5587900  | 5702760  | 4.10   | cps   |
| Scandium   | 45-1  | 5279884  | 5378511  | 5211664  | 5290020  | 1.59   | cps   |
| Scandium   | 45-2  | 339879   | 339596   | 342393   | 340623   | 0.45   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 113      | 96       | 109      | 9.99   | cps   |
| Selenium   | 82-1  | 189      | 207      | 170      | 189      | 9.85   | cps   |
| Silicon    | 28-1  | 5670862  | 5674071  | 5815496  | 5720143  | 1.44   | cps   |
| Silver     | 109-1 | 117      | 142      | 133      | 131      | 9.75   | cps   |
| Silver     | 107-1 | 242      | 142      | 167      | 183      | 28.39  | cps   |
| Sodium     | 23-2  | 5855410  | 5812282  | 5788632  | 5818775  | 0.58   | cps   |
| Strontium  | 86-1  | 81045    | 80643    | 80526    | 80738    | 0.34   | cps   |
| Strontium  | 88-1  | 706849   | 709470   | 703831   | 706717   | 0.40   | cps   |
| Sulfur     | 34-1  | 420757   | 424332   | 426489   | 423859   | 0.68   | cps   |
| Terbium    | 159-1 | 13418970 | 13736149 | 13678399 | 13611173 | 1.24   | cps   |
| Terbium    | 159-2 | 8520466  | 8561844  | 8521262  | 8534524  | 0.28   | cps   |
| Thallium   | 203-1 | 442      | 433      | 392      | 422      | 6.35   | cps   |
| Thallium   | 205-1 | 1025     | 783      | 867      | 892      | 13.77  | cps   |
| Tin        | 118-1 | 1392     | 1533     | 1275     | 1400     | 9.24   | cps   |
| Titanium   | 47-1  | 983      | 1067     | 1284     | 1111     | 13.95  | cps   |
| Uranium    | 238-1 | 500      | 375      | 417      | 431      | 14.78  | cps   |
| Vanadium   | 51-2  | 273      | 243      | 260      | 259      | 5.81   | cps   |
| Yttrium    | 89-1  | 10647798 | 10980467 | 10643365 | 10757210 | 1.80   | cps   |
| Yttrium    | 89-2  | 1950979  | 1965857  | 1965674  | 1960837  | 0.44   | cps   |
| Zinc       | 66-2  | 10841    | 10981    | 10594    | 10805    | 1.81   | cps   |
| Zirconium  | 90-1  | 1684     | 1834     | 1917     | 1811     | 6.53   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-12-BS-KI-W4-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:32:37   | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 450  | 500  | 425  | 458     | 8.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3092     | 3159     | 3726     | 3326     | 10.47  | cps   |
| Antimony   | 121-1 | 2684     | 3242     | 3217     | 3048     | 10.35  | cps   |
| Arsenic    | 75-2  | 163      | 191      | 200      | 185      | 10.44  | cps   |
| Barium     | 135-1 | 54893    | 57161    | 55378    | 55810    | 2.14   | cps   |
| Barium     | 137-1 | 95729    | 97777    | 96727    | 96744    | 1.06   | cps   |
| Beryllium  | 9-1   | 22       | 33       | 22       | 26       | 24.74  | cps   |
| Bismuth    | 209-1 | 8624842  | 8744609  | 9009515  | 8792988  | 2.24   | cps   |
| Bismuth    | 209-2 | 6271755  | 6336702  | 6323918  | 6310791  | 0.55   | cps   |
| Boron      | 10-1  | 908      | 1117     | 1042     | 1022     | 10.32  | cps   |
| Boron      | 11-1  | 5643     | 5451     | 5826     | 5640     | 3.33   | cps   |
| Cadmium    | 111-1 | 3168     | 3405     | 3909     | 3494     | 10.83  | cps   |
| Cadmium    | 106-1 | 4426     | 4718     | 5443     | 4862     | 10.77  | cps   |
| Cadmium    | 108-1 | 38       | 38       | 38       | 38       | 0.00   | cps   |
| Calcium    | 43-1  | 175389   | 176290   | 174265   | 175314   | 0.58   | cps   |
| Calcium    | 44-1  | 2868061  | 2872535  | 2887422  | 2876006  | 0.35   | cps   |
| Chromium   | 52-2  | 3691     | 3794     | 3851     | 3778     | 2.15   | cps   |
| Cobalt     | 59-2  | 1373     | 1307     | 1587     | 1422     | 10.28  | cps   |
| Copper     | 63-2  | 2046303  | 2044942  | 2056809  | 2049351  | 0.32   | cps   |
| Dysprosium | 156-1 | 67       | 200      | 117      | 128      | 52.72  | cps   |
| Dysprosium | 156-2 | 57       | 73       | 67       | 66       | 12.79  | cps   |
| Erbium     | 164-1 | 167      | 142      | 175      | 161      | 10.77  | cps   |
| Erbium     | 164-2 | 103      | 113      | 70       | 96       | 23.75  | cps   |
| Gadolinium | 160-1 | 242      | 250      | 308      | 267      | 13.62  | cps   |
| Gadolinium | 160-2 | 220      | 243      | 267      | 243      | 9.59   | cps   |
| Holmium    | 165-1 | 13254319 | 13387342 | 13628107 | 13423256 | 1.41   | cps   |
| Holmium    | 165-2 | 8589832  | 8578729  | 8544777  | 8571113  | 0.27   | cps   |
| Indium     | 115-1 | 10935027 | 11078661 | 11373176 | 11128955 | 2.01   | cps   |
| Indium     | 115-2 | 2652838  | 2661124  | 2662428  | 2658797  | 0.20   | cps   |
| Iron       | 56-2  | 320555   | 323487   | 327806   | 323949   | 1.13   | cps   |
| Iron       | 57-2  | 9131     | 9136     | 9009     | 9092     | 0.80   | cps   |
| Lead       | 206-1 | 30090    | 30018    | 30252    | 30120    | 0.40   | cps   |
| Lead       | 207-1 | 25508    | 25286    | 25486    | 25427    | 0.48   | cps   |
| Lead       | 208-1 | 118559   | 118503   | 118419   | 118494   | 0.06   | cps   |
| Lithium    | 6-1   | 405196   | 404383   | 418126   | 409235   | 1.88   | cps   |
| Magnesium  | 24-2  | 527688   | 523050   | 532406   | 527715   | 0.89   | cps   |
| Manganese  | 55-2  | 112563   | 114024   | 114508   | 113698   | 0.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1042     | 1008     | 850      | 967      | 10.59  | cps   |
| Molybdenum | 95-1  | 383      | 375      | 308      | 356      | 11.56  | cps   |
| Molybdenum | 96-1  | 558      | 508      | 600      | 556      | 8.26   | cps   |
| Molybdenum | 97-1  | 258      | 183      | 225      | 222      | 16.91  | cps   |
| Molybdenum | 98-1  | 550      | 533      | 683      | 589      | 13.96  | cps   |
| Neodymium  | 150-1 | 100      | 100      | 160      | 120      | 28.87  | cps   |
| Neodymium  | 150-2 | 63       | 60       | 60       | 61       | 3.15   | cps   |
| Nickel     | 60-2  | 24381    | 24377    | 24160    | 24306    | 0.52   | cps   |
| Phosphorus | 31-2  | 5810     | 5910     | 5443     | 5721     | 4.30   | cps   |
| Potassium  | 39-2  | 210632   | 207565   | 207711   | 208636   | 0.83   | cps   |
| Rhodium    | 103-1 | 10142823 | 10217457 | 10516889 | 10292390 | 1.92   | cps   |
| Rhodium    | 103-2 | 5537826  | 5509746  | 5567159  | 5538243  | 0.52   | cps   |
| Scandium   | 45-1  | 5442501  | 5440250  | 5615489  | 5499413  | 1.83   | cps   |
| Scandium   | 45-2  | 339952   | 342046   | 337591   | 339863   | 0.66   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 119      | 120      | 117      | 3.29   | cps   |
| Selenium   | 82-1  | 231      | 136      | 42       | 136      | 69.17  | cps   |
| Silicon    | 28-1  | 6787481  | 6280466  | 6350058  | 6472668  | 4.25   | cps   |
| Silver     | 109-1 | 225      | 142      | 158      | 175      | 25.20  | cps   |
| Silver     | 107-1 | 192      | 233      | 250      | 225      | 13.35  | cps   |
| Sodium     | 23-2  | 5785379  | 5747698  | 5826251  | 5786443  | 0.68   | cps   |
| Strontium  | 86-1  | 77576    | 78130    | 78783    | 78163    | 0.77   | cps   |
| Strontium  | 88-1  | 679128   | 681822   | 682441   | 681130   | 0.26   | cps   |
| Sulfur     | 34-1  | 423140   | 428437   | 427016   | 426198   | 0.64   | cps   |
| Terbium    | 159-1 | 13679049 | 13739906 | 14097847 | 13838934 | 1.64   | cps   |
| Terbium    | 159-2 | 8709627  | 8684226  | 8576684  | 8656845  | 0.82   | cps   |
| Thallium   | 203-1 | 417      | 392      | 467      | 425      | 8.99   | cps   |
| Thallium   | 205-1 | 1008     | 1000     | 1058     | 1022     | 3.09   | cps   |
| Tin        | 118-1 | 2050     | 1925     | 1992     | 1989     | 3.14   | cps   |
| Titanium   | 47-1  | 1192     | 1308     | 1250     | 1250     | 4.67   | cps   |
| Uranium    | 238-1 | 725      | 700      | 783      | 736      | 5.81   | cps   |
| Vanadium   | 51-2  | 363      | 353      | 457      | 391      | 14.58  | cps   |
| Yttrium    | 89-1  | 10858882 | 10904295 | 11167077 | 10976752 | 1.52   | cps   |
| Yttrium    | 89-2  | 1951648  | 1949501  | 1950695  | 1950615  | 0.06   | cps   |
| Zinc       | 66-2  | 185304   | 184918   | 183767   | 184663   | 0.43   | cps   |
| Zirconium  | 90-1  | 1975     | 2175     | 2075     | 2075     | 4.82   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-13-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:36:03  | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 417  | 392  | 425     | 8.98   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1900     | 2125     | 1892     | 1972     | 6.71   | cps   |
| Antimony   | 121-1 | 1267     | 1242     | 1008     | 1172     | 12.16  | cps   |
| Arsenic    | 75-2  | 187      | 200      | 189      | 192      | 3.65   | cps   |
| Barium     | 135-1 | 51596    | 50585    | 51162    | 51114    | 0.99   | cps   |
| Barium     | 137-1 | 89404    | 88180    | 88079    | 88554    | 0.83   | cps   |
| Beryllium  | 9-1   | 50       | 28       | 22       | 33       | 44.10  | cps   |
| Bismuth    | 209-1 | 8466725  | 8758094  | 8635746  | 8620188  | 1.70   | cps   |
| Bismuth    | 209-2 | 6330494  | 6277101  | 6292052  | 6299882  | 0.44   | cps   |
| Boron      | 10-1  | 617      | 600      | 892      | 703      | 23.31  | cps   |
| Boron      | 11-1  | 3342     | 3651     | 3726     | 3573     | 5.69   | cps   |
| Cadmium    | 111-1 | 3743     | 3744     | 3646     | 3711     | 1.51   | cps   |
| Cadmium    | 106-1 | 5301     | 5310     | 5184     | 5265     | 1.33   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 29       | 25       | 16.68  | cps   |
| Calcium    | 43-1  | 175640   | 174872   | 173196   | 174569   | 0.72   | cps   |
| Calcium    | 44-1  | 2865839  | 2874352  | 2842067  | 2860753  | 0.58   | cps   |
| Chromium   | 52-2  | 3467     | 3474     | 3494     | 3478     | 0.40   | cps   |
| Cobalt     | 59-2  | 430      | 437      | 513      | 460      | 10.07  | cps   |
| Copper     | 63-2  | 1659137  | 1644990  | 1646610  | 1650245  | 0.47   | cps   |
| Dysprosium | 156-1 | 83       | 50       | 67       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 47       | 44       | 8.66   | cps   |
| Erbium     | 164-1 | 92       | 100      | 108      | 100      | 8.33   | cps   |
| Erbium     | 164-2 | 70       | 73       | 53       | 66       | 16.35  | cps   |
| Gadolinium | 160-1 | 258      | 275      | 250      | 261      | 4.87   | cps   |
| Gadolinium | 160-2 | 183      | 227      | 240      | 217      | 13.67  | cps   |
| Holmium    | 165-1 | 13074988 | 13250708 | 13078313 | 13134669 | 0.77   | cps   |
| Holmium    | 165-2 | 8699860  | 8575623  | 8546387  | 8607290  | 0.95   | cps   |
| Indium     | 115-1 | 10857277 | 11046873 | 10998447 | 10967532 | 0.90   | cps   |
| Indium     | 115-2 | 2687570  | 2667489  | 2670514  | 2675191  | 0.40   | cps   |
| Iron       | 56-2  | 195335   | 190043   | 193250   | 192876   | 1.38   | cps   |
| Iron       | 57-2  | 5451     | 5068     | 5746     | 5422     | 6.27   | cps   |
| Lead       | 206-1 | 7436     | 7352     | 7069     | 7286     | 2.64   | cps   |
| Lead       | 207-1 | 6430     | 6357     | 6040     | 6276     | 3.30   | cps   |
| Lead       | 208-1 | 29453    | 29152    | 28680    | 29095    | 1.34   | cps   |
| Lithium    | 6-1   | 401393   | 403699   | 394239   | 399777   | 1.23   | cps   |
| Magnesium  | 24-2  | 372836   | 374213   | 377619   | 374889   | 0.66   | cps   |
| Manganese  | 55-2  | 58017    | 57827    | 58677    | 58174    | 0.77   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 842      | 750      | 783      | 6.47   | cps   |
| Molybdenum | 95-1  | 292      | 350      | 367      | 336      | 11.72  | cps   |
| Molybdenum | 96-1  | 408      | 508      | 467      | 461      | 10.89  | cps   |
| Molybdenum | 97-1  | 183      | 258      | 183      | 208      | 20.78  | cps   |
| Molybdenum | 98-1  | 533      | 442      | 342      | 439      | 21.84  | cps   |
| Neodymium  | 150-1 | 173      | 87       | 40       | 100      | 67.68  | cps   |
| Neodymium  | 150-2 | 27       | 23       | 30       | 27       | 12.51  | cps   |
| Nickel     | 60-2  | 4031     | 3554     | 3597     | 3727     | 7.07   | cps   |
| Phosphorus | 31-2  | 6402     | 5910     | 6218     | 6177     | 4.02   | cps   |
| Potassium  | 39-2  | 210074   | 207947   | 212765   | 210262   | 1.15   | cps   |
| Rhodium    | 103-1 | 9951685  | 10264126 | 10043236 | 10086349 | 1.59   | cps   |
| Rhodium    | 103-2 | 5574339  | 5543641  | 5593081  | 5570354  | 0.45   | cps   |
| Scandium   | 45-1  | 5237028  | 5431750  | 5360471  | 5343083  | 1.84   | cps   |
| Scandium   | 45-2  | 340117   | 335601   | 334834   | 336851   | 0.85   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 91       | 146      | 131      | 123      | 23.42  | cps   |
| Selenium   | 82-1  | 277      | 90       | 138      | 168      | 57.82  | cps   |
| Silicon    | 28-1  | 5799543  | 5795254  | 5764370  | 5786389  | 0.33   | cps   |
| Silver     | 109-1 | 175      | 175      | 100      | 150      | 28.87  | cps   |
| Silver     | 107-1 | 225      | 183      | 258      | 222      | 16.91  | cps   |
| Sodium     | 23-2  | 5791542  | 5753148  | 5815985  | 5786892  | 0.55   | cps   |
| Strontium  | 86-1  | 77945    | 78196    | 76597    | 77580    | 1.11   | cps   |
| Strontium  | 88-1  | 676008   | 667932   | 666099   | 670013   | 0.79   | cps   |
| Sulfur     | 34-1  | 422495   | 422448   | 421961   | 422301   | 0.07   | cps   |
| Terbium    | 159-1 | 13419026 | 13634621 | 13650724 | 13568123 | 0.95   | cps   |
| Terbium    | 159-2 | 8617632  | 8608619  | 8565191  | 8597147  | 0.33   | cps   |
| Thallium   | 203-1 | 300      | 350      | 442      | 364      | 19.74  | cps   |
| Thallium   | 205-1 | 800      | 950      | 967      | 906      | 10.14  | cps   |
| Tin        | 118-1 | 1959     | 1942     | 2075     | 1992     | 3.65   | cps   |
| Titanium   | 47-1  | 792      | 992      | 1970     | 1251     | 50.40  | cps   |
| Uranium    | 238-1 | 808      | 392      | 525      | 575      | 37.01  | cps   |
| Vanadium   | 51-2  | 300      | 277      | 257      | 278      | 7.81   | cps   |
| Yttrium    | 89-1  | 10577374 | 10927152 | 10755976 | 10753501 | 1.63   | cps   |
| Yttrium    | 89-2  | 1955126  | 1951983  | 1957697  | 1954935  | 0.15   | cps   |
| Zinc       | 66-2  | 37284    | 36743    | 36603    | 36877    | 0.98   | cps   |
| Zirconium  | 90-1  | 1742     | 1742     | 1717     | 1734     | 0.83   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-14-BS-BRKI-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:39:28  | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 350  | 433  | 394     | 10.63  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-15-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:42:54  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 608      | 600      | 708      | 639      | 9.44   | cps   |
| Antimony   | 121-1 | 542      | 542      | 658      | 581      | 11.60  | cps   |
| Arsenic    | 75-2  | 43       | 52       | 48       | 48       | 9.81   | cps   |
| Barium     | 135-1 | 1742     | 1625     | 1517     | 1628     | 6.91   | cps   |
| Barium     | 137-1 | 2634     | 2467     | 2584     | 2561     | 3.34   | cps   |
| Beryllium  | 9-1   | 17       | 22       | 56       | 31       | 66.81  | cps   |
| Bismuth    | 209-1 | 8876297  | 8905874  | 8794921  | 8859030  | 0.65   | cps   |
| Bismuth    | 209-2 | 6267983  | 6272605  | 6290968  | 6277185  | 0.19   | cps   |
| Boron      | 10-1  | 300      | 308      | 275      | 294      | 5.89   | cps   |
| Boron      | 11-1  | 2075     | 1717     | 1850     | 1881     | 9.63   | cps   |
| Cadmium    | 111-1 | 3749     | 3683     | 3869     | 3767     | 2.50   | cps   |
| Cadmium    | 106-1 | 5301     | 5226     | 5493     | 5340     | 2.58   | cps   |
| Cadmium    | 108-1 | 29       | 42       | 38       | 36       | 17.62  | cps   |
| Calcium    | 43-1  | 168323   | 167087   | 167456   | 167622   | 0.38   | cps   |
| Calcium    | 44-1  | 2750480  | 2746361  | 2740418  | 2745753  | 0.18   | cps   |
| Chromium   | 52-2  | 3350     | 3304     | 3234     | 3296     | 1.78   | cps   |
| Cobalt     | 59-2  | 137      | 170      | 130      | 146      | 14.73  | cps   |
| Copper     | 63-2  | 1343801  | 1345515  | 1350477  | 1346597  | 0.26   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 17       | 8        | 99.04  | cps   |
| Erbium     | 164-1 | 58       | 33       | 58       | 50       | 28.86  | cps   |
| Erbium     | 164-2 | 27       | 17       | 20       | 21       | 24.12  | cps   |
| Gadolinium | 160-1 | 167      | 142      | 208      | 172      | 19.56  | cps   |
| Gadolinium | 160-2 | 173      | 193      | 200      | 189      | 7.35   | cps   |
| Holmium    | 165-1 | 13540292 | 13453620 | 13437362 | 13477091 | 0.41   | cps   |
| Holmium    | 165-2 | 8566988  | 8563907  | 8632975  | 8587957  | 0.45   | cps   |
| Indium     | 115-1 | 11242656 | 11218205 | 11186505 | 11215789 | 0.25   | cps   |
| Indium     | 115-2 | 2655146  | 2651996  | 2678554  | 2661899  | 0.55   | cps   |
| Iron       | 56-2  | 84866    | 86699    | 84923    | 85496    | 1.22   | cps   |
| Iron       | 57-2  | 2861     | 2695     | 2695     | 2750     | 3.50   | cps   |
| Lead       | 206-1 | 22069    | 21557    | 22108    | 21911    | 1.40   | cps   |
| Lead       | 207-1 | 17234    | 17384    | 17545    | 17388    | 0.90   | cps   |
| Lead       | 208-1 | 82222    | 83232    | 82851    | 82768    | 0.62   | cps   |
| Lithium    | 6-1   | 407950   | 407632   | 399569   | 405050   | 1.17   | cps   |
| Magnesium  | 24-2  | 357449   | 360530   | 365146   | 361041   | 1.07   | cps   |
| Manganese  | 55-2  | 4201     | 4177     | 4117     | 4165     | 1.03   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-15-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:42:54  | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 583      | 525      | 558      | 556      | 5.27   | cps   |
| Molybdenum | 95-1  | 83       | 117      | 117      | 106      | 18.23  | cps   |
| Molybdenum | 96-1  | 183      | 275      | 200      | 219      | 22.25  | cps   |
| Molybdenum | 97-1  | 50       | 108      | 67       | 75       | 40.06  | cps   |
| Molybdenum | 98-1  | 233      | 183      | 108      | 175      | 35.95  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 20       | 11       | 91.66  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 1467     | 1687     | 1513     | 1556     | 7.45   | cps   |
| Phosphorus | 31-2  | 692      | 600      | 517      | 603      | 14.52  | cps   |
| Potassium  | 39-2  | 217124   | 215972   | 218850   | 217315   | 0.67   | cps   |
| Rhodium    | 103-1 | 10385366 | 10292539 | 10279947 | 10319284 | 0.56   | cps   |
| Rhodium    | 103-2 | 5526402  | 5533846  | 5950441  | 5670230  | 4.28   | cps   |
| Scandium   | 45-1  | 5431834  | 5471792  | 5486192  | 5463273  | 0.52   | cps   |
| Scandium   | 45-2  | 336295   | 337639   | 341148   | 338361   | 0.74   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 130      | 106      | 106      | 114      | 12.23  | cps   |
| Selenium   | 82-1  | 165      | 175      | 235      | 192      | 19.60  | cps   |
| Silicon    | 28-1  | 7666449  | 7666456  | 7639588  | 7657498  | 0.20   | cps   |
| Silver     | 109-1 | 108      | 150      | 142      | 133      | 16.54  | cps   |
| Silver     | 107-1 | 200      | 167      | 100      | 156      | 32.73  | cps   |
| Sodium     | 23-2  | 5940886  | 5905338  | 5944431  | 5930218  | 0.36   | cps   |
| Strontium  | 86-1  | 72509    | 71896    | 73096    | 72501    | 0.83   | cps   |
| Strontium  | 88-1  | 633452   | 639400   | 630717   | 634523   | 0.70   | cps   |
| Sulfur     | 34-1  | 434322   | 427758   | 431240   | 431107   | 0.76   | cps   |
| Terbium    | 159-1 | 14076025 | 13941461 | 13903783 | 13973756 | 0.65   | cps   |
| Terbium    | 159-2 | 8557423  | 8642900  | 8566633  | 8588985  | 0.55   | cps   |
| Thallium   | 203-1 | 408      | 350      | 425      | 394      | 9.98   | cps   |
| Thallium   | 205-1 | 983      | 883      | 675      | 847      | 18.57  | cps   |
| Tin        | 118-1 | 1458     | 1458     | 1784     | 1567     | 11.98  | cps   |
| Titanium   | 47-1  | 283      | 217      | 450      | 317      | 37.95  | cps   |
| Uranium    | 238-1 | 50       | 117      | 100      | 89       | 39.03  | cps   |
| Vanadium   | 51-2  | 50       | 43       | 40       | 44       | 11.46  | cps   |
| Yttrium    | 89-1  | 11122687 | 11094159 | 11026805 | 11081217 | 0.44   | cps   |
| Yttrium    | 89-2  | 1948171  | 1955035  | 1961738  | 1954981  | 0.35   | cps   |
| Zinc       | 66-2  | 165745   | 166554   | 167016   | 166438   | 0.39   | cps   |
| Zirconium  | 90-1  | 1542     | 1442     | 1500     | 1495     | 3.36   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-15-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:42:54  | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 408  | 300  | 333     | 19.53  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-16-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:46:18  | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 575      | 575      | 858      | 669      | 24.44  | cps   |
| Antimony   | 121-1 | 375      | 358      | 358      | 364      | 2.64   | cps   |
| Arsenic    | 75-2  | 48       | 44       | 54       | 49       | 9.56   | cps   |
| Barium     | 135-1 | 1509     | 1492     | 1308     | 1436     | 7.73   | cps   |
| Barium     | 137-1 | 2667     | 2350     | 2225     | 2414     | 9.43   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 17       | 20       | 15.73  | cps   |
| Bismuth    | 209-1 | 8806582  | 8668327  | 8586928  | 8687279  | 1.28   | cps   |
| Bismuth    | 209-2 | 6226110  | 6200609  | 6181391  | 6202703  | 0.36   | cps   |
| Boron      | 10-1  | 317      | 325      | 292      | 311      | 5.58   | cps   |
| Boron      | 11-1  | 1867     | 1892     | 1825     | 1861     | 1.81   | cps   |
| Cadmium    | 111-1 | 3652     | 3358     | 3556     | 3522     | 4.26   | cps   |
| Cadmium    | 106-1 | 5201     | 4784     | 5043     | 5009     | 4.20   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Calcium    | 43-1  | 156622   | 155089   | 155997   | 155903   | 0.49   | cps   |
| Calcium    | 44-1  | 2610089  | 2578414  | 2569736  | 2586080  | 0.82   | cps   |
| Chromium   | 52-2  | 3200     | 3177     | 3290     | 3223     | 1.86   | cps   |
| Cobalt     | 59-2  | 123      | 103      | 133      | 120      | 12.73  | cps   |
| Copper     | 63-2  | 1042310  | 1045044  | 1038692  | 1042015  | 0.31   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 42       | 22       | 78.07  | cps   |
| Dysprosium | 156-2 | 10       | 17       | 17       | 14       | 26.66  | cps   |
| Erbium     | 164-1 | 17       | 33       | 42       | 31       | 41.66  | cps   |
| Erbium     | 164-2 | 40       | 47       | 33       | 40       | 16.68  | cps   |
| Gadolinium | 160-1 | 200      | 150      | 117      | 156      | 26.96  | cps   |
| Gadolinium | 160-2 | 153      | 170      | 190      | 171      | 10.73  | cps   |
| Holmium    | 165-1 | 13352381 | 13148247 | 13054057 | 13184895 | 1.16   | cps   |
| Holmium    | 165-2 | 8488533  | 8565138  | 8506693  | 8520122  | 0.47   | cps   |
| Indium     | 115-1 | 11166125 | 11080875 | 11063878 | 11103626 | 0.49   | cps   |
| Indium     | 115-2 | 2616792  | 2661889  | 2634065  | 2637582  | 0.86   | cps   |
| Iron       | 56-2  | 77890    | 76136    | 76874    | 76967    | 1.14   | cps   |
| Iron       | 57-2  | 2484     | 2750     | 2611     | 2615     | 5.10   | cps   |
| Lead       | 206-1 | 4962     | 4829     | 4996     | 4929     | 1.79   | cps   |
| Lead       | 207-1 | 3956     | 3617     | 3906     | 3827     | 4.78   | cps   |
| Lead       | 208-1 | 18961    | 18200    | 18472    | 18544    | 2.08   | cps   |
| Lithium    | 6-1   | 390833   | 391924   | 389825   | 390861   | 0.27   | cps   |
| Magnesium  | 24-2  | 337078   | 335915   | 339166   | 337386   | 0.49   | cps   |
| Manganese  | 55-2  | 3147     | 3120     | 3157     | 3142     | 0.60   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-16-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:46:18  | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 692      | 558      | 692      | 647      | 11.89  | cps   |
| Molybdenum | 95-1  | 125      | 133      | 183      | 147      | 21.43  | cps   |
| Molybdenum | 96-1  | 233      | 167      | 192      | 197      | 17.08  | cps   |
| Molybdenum | 97-1  | 67       | 67       | 67       | 67       | 0.00   | cps   |
| Molybdenum | 98-1  | 142      | 133      | 125      | 133      | 6.25   | cps   |
| Neodymium  | 150-1 | 13       | 7        | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 1143     | 1053     | 1047     | 1081     | 4.99   | cps   |
| Phosphorus | 31-2  | 658      | 700      | 667      | 675      | 3.27   | cps   |
| Potassium  | 39-2  | 204204   | 207059   | 206230   | 205831   | 0.71   | cps   |
| Rhodium    | 103-1 | 10310325 | 10215137 | 10127421 | 10217628 | 0.90   | cps   |
| Rhodium    | 103-2 | 5479585  | 5475190  | 5480608  | 5478461  | 0.05   | cps   |
| Scandium   | 45-1  | 5500919  | 5459237  | 5406221  | 5455459  | 0.87   | cps   |
| Scandium   | 45-2  | 334697   | 335486   | 336814   | 335666   | 0.32   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 143      | 94       | 121      | 20.21  | cps   |
| Selenium   | 82-1  | 39       | 31       | 149      | 73       | 90.71  | cps   |
| Silicon    | 28-1  | 7415630  | 7269726  | 7404248  | 7363202  | 1.10   | cps   |
| Silver     | 109-1 | 142      | 150      | 117      | 136      | 12.75  | cps   |
| Silver     | 107-1 | 200      | 175      | 167      | 181      | 9.61   | cps   |
| Sodium     | 23-2  | 5627069  | 5691130  | 5670085  | 5662761  | 0.58   | cps   |
| Strontium  | 86-1  | 69318    | 67241    | 68288    | 68283    | 1.52   | cps   |
| Strontium  | 88-1  | 597443   | 591856   | 587729   | 592343   | 0.82   | cps   |
| Sulfur     | 34-1  | 422902   | 420512   | 423274   | 422229   | 0.36   | cps   |
| Terbium    | 159-1 | 13960031 | 13796816 | 13815139 | 13857328 | 0.65   | cps   |
| Terbium    | 159-2 | 8562914  | 8601742  | 8476815  | 8547157  | 0.75   | cps   |
| Thallium   | 203-1 | 458      | 383      | 375      | 406      | 11.32  | cps   |
| Thallium   | 205-1 | 742      | 1050     | 858      | 883      | 17.63  | cps   |
| Tin        | 118-1 | 1667     | 1617     | 1634     | 1639     | 1.55   | cps   |
| Titanium   | 47-1  | 400      | 317      | 383      | 367      | 12.02  | cps   |
| Uranium    | 238-1 | 108      | 67       | 100      | 92       | 24.05  | cps   |
| Vanadium   | 51-2  | 43       | 57       | 30       | 43       | 30.77  | cps   |
| Yttrium    | 89-1  | 11137312 | 10894123 | 10873205 | 10968213 | 1.34   | cps   |
| Yttrium    | 89-2  | 1941441  | 1935267  | 1944192  | 1940300  | 0.24   | cps   |
| Zinc       | 66-2  | 16396    | 16343    | 16670    | 16470    | 1.07   | cps   |
| Zirconium  | 90-1  | 1500     | 1417     | 1233     | 1383     | 9.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-16-BS-H-W4-B | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:46:18  | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 317  | 275  | 325     | 16.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 233      | 92       | 133      | 153      | 47.65  | cps   |
| Antimony   | 121-1 | 208      | 267      | 208      | 228      | 14.79  | cps   |
| Arsenic    | 75-2  | 22       | 15       | 19       | 19       | 20.01  | cps   |
| Barium     | 135-1 | 58       | 33       | 42       | 44       | 28.65  | cps   |
| Barium     | 137-1 | 100      | 58       | 25       | 61       | 61.49  | cps   |
| Beryllium  | 9-1   | 6        | 11       | 22       | 13       | 65.44  | cps   |
| Bismuth    | 209-1 | 8835863  | 8785417  | 8789316  | 8803532  | 0.32   | cps   |
| Bismuth    | 209-2 | 6262051  | 6267833  | 6271366  | 6267083  | 0.08   | cps   |
| Boron      | 10-1  | 133      | 150      | 158      | 147      | 8.65   | cps   |
| Boron      | 11-1  | 725      | 850      | 900      | 825      | 10.93  | cps   |
| Cadmium    | 111-1 | 3575     | 3388     | 3497     | 3486     | 2.69   | cps   |
| Cadmium    | 106-1 | 5110     | 4851     | 4976     | 4979     | 2.60   | cps   |
| Cadmium    | 108-1 | 21       | 29       | 4        | 18       | 70.49  | cps   |
| Calcium    | 43-1  | 1800     | 1750     | 1784     | 1778     | 1.43   | cps   |
| Calcium    | 44-1  | 51056    | 51365    | 50814    | 51079    | 0.54   | cps   |
| Chromium   | 52-2  | 2260     | 2287     | 2460     | 2336     | 4.65   | cps   |
| Cobalt     | 59-2  | 83       | 107      | 150      | 113      | 29.85  | cps   |
| Copper     | 63-2  | 1880     | 1930     | 1777     | 1862     | 4.20   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 92       | 33       | 25       | 50       | 72.65  | cps   |
| Erbium     | 164-2 | 17       | 17       | 20       | 18       | 10.81  | cps   |
| Gadolinium | 160-1 | 183      | 133      | 167      | 161      | 15.80  | cps   |
| Gadolinium | 160-2 | 163      | 137      | 173      | 158      | 12.01  | cps   |
| Holmium    | 165-1 | 13243990 | 13239889 | 13209108 | 13230996 | 0.14   | cps   |
| Holmium    | 165-2 | 8588596  | 8499741  | 8558598  | 8548978  | 0.53   | cps   |
| Indium     | 115-1 | 11221177 | 11103439 | 11194418 | 11173011 | 0.55   | cps   |
| Indium     | 115-2 | 2625632  | 2651085  | 2627112  | 2634610  | 0.54   | cps   |
| Iron       | 56-2  | 7536     | 7641     | 7686     | 7621     | 1.01   | cps   |
| Iron       | 57-2  | 467      | 389      | 383      | 413      | 11.28  | cps   |
| Lead       | 206-1 | 5670417  | 5687815  | 5670605  | 5676279  | 0.18   | cps   |
| Lead       | 207-1 | 5143148  | 5135418  | 5133531  | 5137366  | 0.10   | cps   |
| Lead       | 208-1 | 24065535 | 24049510 | 23975228 | 24030091 | 0.20   | cps   |
| Lithium    | 6-1   | 389437   | 381980   | 388497   | 386638   | 1.05   | cps   |
| Magnesium  | 24-2  | 233      | 250      | 275      | 253      | 8.30   | cps   |
| Manganese  | 55-2  | 133      | 113      | 120      | 122      | 8.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 317      | 225      | 250      | 264      | 17.96  | cps   |
| Molybdenum | 95-1  | 761      | 83       | 117      | 320      | 119.23 | cps   |
| Molybdenum | 96-1  | 183      | 83       | 242      | 169      | 47.26  | cps   |
| Molybdenum | 97-1  | 42       | 75       | 67       | 61       | 28.38  | cps   |
| Molybdenum | 98-1  | 142      | 125      | 167      | 144      | 14.52  | cps   |
| Neodymium  | 150-1 | 20       | 13       | 13       | 16       | 24.76  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 100      | 110      | 83       | 98       | 13.78  | cps   |
| Phosphorus | 31-2  | 317      | 508      | 400      | 408      | 23.54  | cps   |
| Potassium  | 39-2  | 51976    | 53012    | 51307    | 52098    | 1.65   | cps   |
| Rhodium    | 103-1 | 10306197 | 10256122 | 10319354 | 10293891 | 0.32   | cps   |
| Rhodium    | 103-2 | 5520670  | 5603544  | 5536287  | 5553500  | 0.79   | cps   |
| Scandium   | 45-1  | 5418866  | 5382599  | 5401432  | 5400965  | 0.34   | cps   |
| Scandium   | 45-2  | 334912   | 333790   | 334379   | 334360   | 0.17   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 109      | 85       | 126      | 107      | 19.18  | cps   |
| Selenium   | 82-1  | 139      | 164      | 128      | 144      | 12.98  | cps   |
| Silicon    | 28-1  | 236258   | 241884   | 238556   | 238900   | 1.18   | cps   |
| Silver     | 109-1 | 175      | 58       | 142      | 125      | 48.07  | cps   |
| Silver     | 107-1 | 200      | 125      | 217      | 181      | 27.04  | cps   |
| Sodium     | 23-2  | 31175    | 31476    | 31284    | 31311    | 0.49   | cps   |
| Strontium  | 86-1  | 917      | 950      | 1092     | 986      | 9.42   | cps   |
| Strontium  | 88-1  | 875      | 1025     | 875      | 925      | 9.36   | cps   |
| Sulfur     | 34-1  | 355926   | 350339   | 352434   | 352900   | 0.80   | cps   |
| Terbium    | 159-1 | 13683534 | 13837039 | 13828101 | 13782892 | 0.63   | cps   |
| Terbium    | 159-2 | 8499530  | 8610200  | 8609860  | 8573196  | 0.74   | cps   |
| Thallium   | 203-1 | 333      | 325      | 300      | 319      | 5.43   | cps   |
| Thallium   | 205-1 | 625      | 783      | 700      | 703      | 11.27  | cps   |
| Tin        | 118-1 | 1125     | 1025     | 1242     | 1131     | 9.59   | cps   |
| Titanium   | 47-1  | 142      | 275      | 133      | 183      | 43.36  | cps   |
| Uranium    | 238-1 | 33       | 58       | 50       | 47       | 26.97  | cps   |
| Vanadium   | 51-2  | 37       | 40       | 80       | 52       | 46.17  | cps   |
| Yttrium    | 89-1  | 10986547 | 10914642 | 10913094 | 10938094 | 0.38   | cps   |
| Yttrium    | 89-2  | 1931792  | 1951397  | 1937212  | 1940133  | 0.52   | cps   |
| Zinc       | 66-2  | 560      | 453      | 433      | 482      | 14.12  | cps   |
| Zirconium  | 90-1  | 683      | 683      | 667      | 678      | 1.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:49:43 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 150  | 175  | 158     | 9.12   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 75       | 58       | 92       | 75       | 22.22  | cps   |
| Antimony   | 121-1 | 250      | 133      | 158      | 181      | 34.02  | cps   |
| Arsenic    | 75-2  | 17       | 24       | 13       | 18       | 31.60  | cps   |
| Barium     | 135-1 | 17       | 67       | 58       | 47       | 56.72  | cps   |
| Barium     | 137-1 | 42       | 58       | 58       | 53       | 18.23  | cps   |
| Beryllium  | 9-1   | 22       | 6        | 28       | 19       | 62.43  | cps   |
| Bismuth    | 209-1 | 8478237  | 8417049  | 8777554  | 8557614  | 2.25   | cps   |
| Bismuth    | 209-2 | 6275927  | 4654491  | 145691   | 3692036  | 86.03  | cps   |
| Boron      | 10-1  | 100      | 125      | 200      | 142      | 36.74  | cps   |
| Boron      | 11-1  | 642      | 633      | 650      | 642      | 1.30   | cps   |
| Cadmium    | 111-1 | 3331     | 3366     | 3429     | 3375     | 1.47   | cps   |
| Cadmium    | 106-1 | 4751     | 4801     | 4893     | 4815     | 1.49   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 1183     | 1208     | 1333     | 1242     | 6.47   | cps   |
| Calcium    | 44-1  | 43365    | 43742    | 44443    | 43850    | 1.25   | cps   |
| Chromium   | 52-2  | 2137     | 2467     | 2254     | 2286     | 7.32   | cps   |
| Cobalt     | 59-2  | 83       | 63       | 73       | 73       | 13.64  | cps   |
| Copper     | 63-2  | 1893     | 1623     | 1540     | 1686     | 10.96  | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 20       | 27       | 0        | 16       | 89.22  | cps   |
| Gadolinium | 160-1 | 192      | 100      | 100      | 131      | 40.54  | cps   |
| Gadolinium | 160-2 | 167      | 133      | 0        | 100      | 88.19  | cps   |
| Holmium    | 165-1 | 12825609 | 12826089 | 13160608 | 12937435 | 1.49   | cps   |
| Holmium    | 165-2 | 8516382  | 6232617  | 102638   | 4950546  | 87.89  | cps   |
| Indium     | 115-1 | 10833064 | 10628150 | 11158873 | 10873363 | 2.46   | cps   |
| Indium     | 115-2 | 2677385  | 1948833  | 37794    | 1554671  | 87.69  | cps   |
| Iron       | 56-2  | 7174     | 6813     | 6696     | 6894     | 3.61   | cps   |
| Iron       | 57-2  | 444      | 394      | 367      | 402      | 9.81   | cps   |
| Lead       | 206-1 | 1578     | 1878     | 1600     | 1685     | 9.92   | cps   |
| Lead       | 207-1 | 1456     | 1533     | 1422     | 1471     | 3.88   | cps   |
| Lead       | 208-1 | 6912     | 7029     | 6384     | 6775     | 5.07   | cps   |
| Lithium    | 6-1   | 368050   | 374525   | 378312   | 373629   | 1.39   | cps   |
| Magnesium  | 24-2  | 192      | 183      | 200      | 192      | 4.35   | cps   |
| Manganese  | 55-2  | 70       | 77       | 70       | 72       | 5.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 192      | 242      | 233      | 16.37  | cps   |
| Molybdenum | 95-1  | 108      | 83       | 83       | 92       | 15.74  | cps   |
| Molybdenum | 96-1  | 133      | 200      | 158      | 164      | 20.55  | cps   |
| Molybdenum | 97-1  | 33       | 50       | 67       | 50       | 33.34  | cps   |
| Molybdenum | 98-1  | 92       | 192      | 183      | 156      | 35.67  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 63       | 97       | 77       | 79       | 21.27  | cps   |
| Phosphorus | 31-2  | 317      | 283      | 408      | 336      | 19.26  | cps   |
| Potassium  | 39-2  | 51256    | 50178    | 51474    | 50969    | 1.36   | cps   |
| Rhodium    | 103-1 | 9886947  | 9836025  | 10230133 | 9984368  | 2.15   | cps   |
| Rhodium    | 103-2 | 5932187  | 4067274  | 74778    | 3358079  | 89.11  | cps   |
| Scandium   | 45-1  | 5262102  | 5222759  | 5391964  | 5292275  | 1.67   | cps   |
| Scandium   | 45-2  | 336570   | 260488   | 16913    | 204657   | 81.59  | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 124      | 100      | 133      | 119      | 14.45  | cps   |
| Selenium   | 82-1  | 74       | 169      | 158      | 133      | 38.68  | cps   |
| Silicon    | 28-1  | 203146   | 206894   | 203073   | 204371   | 1.07   | cps   |
| Silver     | 109-1 | 108      | 108      | 75       | 97       | 19.80  | cps   |
| Silver     | 107-1 | 67       | 192      | 117      | 125      | 50.33  | cps   |
| Sodium     | 23-2  | 30549    | 31275    | 30565    | 30796    | 1.35   | cps   |
| Strontium  | 86-1  | 1100     | 1092     | 1100     | 1097     | 0.44   | cps   |
| Strontium  | 88-1  | 542      | 475      | 475      | 497      | 7.74   | cps   |
| Sulfur     | 34-1  | 349303   | 346287   | 350452   | 348681   | 0.62   | cps   |
| Terbium    | 159-1 | 13345094 | 13223156 | 13712959 | 13427070 | 1.90   | cps   |
| Terbium    | 159-2 | 8666046  | 6224541  | 105664   | 4998750  | 88.22  | cps   |
| Thallium   | 203-1 | 158      | 367      | 200      | 242      | 45.62  | cps   |
| Thallium   | 205-1 | 467      | 467      | 425      | 453      | 5.31   | cps   |
| Tin        | 118-1 | 1075     | 1117     | 1150     | 1114     | 3.37   | cps   |
| Titanium   | 47-1  | 275      | 150      | 75       | 167      | 60.62  | cps   |
| Uranium    | 238-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Vanadium   | 51-2  | 40       | 23       | 20       | 28       | 38.58  | cps   |
| Yttrium    | 89-1  | 10686585 | 10480713 | 10802820 | 10656706 | 1.53   | cps   |
| Yttrium    | 89-2  | 1942887  | 1431901  | 25950    | 1133579  | 87.57  | cps   |
| Zinc       | 66-2  | 170      | 147      | 123      | 147      | 15.91  | cps   |
| Zirconium  | 90-1  | 642      | 633      | 725      | 667      | 7.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:53:08 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 167  | 75   | 142     | 41.18  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2384     | 3889     | 2375     | 2883     | 30.22  | cps   |
| Antimony   | 121-1 | 2375     | 2292     | 2300     | 2323     | 1.98   | cps   |
| Arsenic    | 75-2  | 215      | 207      | 198      | 207      | 4.04   | cps   |
| Barium     | 135-1 | 53495    | 52777    | 54541    | 53604    | 1.66   | cps   |
| Barium     | 137-1 | 91359    | 92708    | 92383    | 92150    | 0.76   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 8830445  | 8796181  | 8830946  | 8819191  | 0.23   | cps   |
| Bismuth    | 209-2 | 6256388  | 6349160  | 6332047  | 6312532  | 0.78   | cps   |
| Boron      | 10-1  | 700      | 758      | 917      | 792      | 14.16  | cps   |
| Boron      | 11-1  | 4142     | 4367     | 4209     | 4240     | 2.73   | cps   |
| Cadmium    | 111-1 | 3723     | 3487     | 3739     | 3650     | 3.86   | cps   |
| Cadmium    | 106-1 | 5193     | 4926     | 5260     | 5126     | 3.44   | cps   |
| Cadmium    | 108-1 | 29       | 33       | 25       | 29       | 14.28  | cps   |
| Calcium    | 43-1  | 176509   | 178254   | 178658   | 177807   | 0.64   | cps   |
| Calcium    | 44-1  | 2895283  | 2919262  | 2923551  | 2912699  | 0.52   | cps   |
| Chromium   | 52-2  | 3844     | 3841     | 3757     | 3814     | 1.29   | cps   |
| Cobalt     | 59-2  | 1170     | 1023     | 1287     | 1160     | 11.38  | cps   |
| Copper     | 63-2  | 1112067  | 1103898  | 1117559  | 1111175  | 0.62   | cps   |
| Dysprosium | 156-1 | 75       | 117      | 58       | 83       | 36.05  | cps   |
| Dysprosium | 156-2 | 70       | 67       | 47       | 61       | 20.65  | cps   |
| Erbium     | 164-1 | 92       | 133      | 75       | 100      | 30.05  | cps   |
| Erbium     | 164-2 | 77       | 60       | 77       | 71       | 13.53  | cps   |
| Gadolinium | 160-1 | 292      | 267      | 300      | 286      | 6.06   | cps   |
| Gadolinium | 160-2 | 200      | 257      | 230      | 229      | 12.39  | cps   |
| Holmium    | 165-1 | 13275546 | 13420819 | 13306120 | 13334162 | 0.57   | cps   |
| Holmium    | 165-2 | 8768107  | 8724648  | 8812761  | 8768505  | 0.50   | cps   |
| Indium     | 115-1 | 11374038 | 11211477 | 11270730 | 11285415 | 0.73   | cps   |
| Indium     | 115-2 | 2703704  | 2696229  | 2691364  | 2697099  | 0.23   | cps   |
| Iron       | 56-2  | 168785   | 166503   | 170449   | 168579   | 1.18   | cps   |
| Iron       | 57-2  | 4701     | 5390     | 4884     | 4992     | 7.15   | cps   |
| Lead       | 206-1 | 8742     | 8892     | 9404     | 9013     | 3.85   | cps   |
| Lead       | 207-1 | 7814     | 7497     | 8147     | 7819     | 4.16   | cps   |
| Lead       | 208-1 | 35358    | 34963    | 36114    | 35479    | 1.65   | cps   |
| Lithium    | 6-1   | 381444   | 384657   | 384400   | 383500   | 0.47   | cps   |
| Magnesium  | 24-2  | 463440   | 461942   | 463172   | 462851   | 0.17   | cps   |
| Manganese  | 55-2  | 51611    | 51707    | 52052    | 51790    | 0.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 850      | 925      | 675      | 817      | 15.71  | cps   |
| Molybdenum | 95-1  | 483      | 358      | 333      | 392      | 20.52  | cps   |
| Molybdenum | 96-1  | 442      | 533      | 508      | 494      | 9.58   | cps   |
| Molybdenum | 97-1  | 183      | 200      | 200      | 194      | 4.95   | cps   |
| Molybdenum | 98-1  | 467      | 700      | 467      | 544      | 24.74  | cps   |
| Neodymium  | 150-1 | 47       | 60       | 67       | 58       | 17.62  | cps   |
| Neodymium  | 150-2 | 27       | 40       | 37       | 34       | 20.14  | cps   |
| Nickel     | 60-2  | 2244     | 2167     | 1987     | 2132     | 6.18   | cps   |
| Phosphorus | 31-2  | 5835     | 5485     | 6085     | 5801     | 5.20   | cps   |
| Potassium  | 39-2  | 212249   | 211597   | 211391   | 211745   | 0.21   | cps   |
| Rhodium    | 103-1 | 10336367 | 10282267 | 10357235 | 10325289 | 0.37   | cps   |
| Rhodium    | 103-2 | 5996610  | 6022246  | 6035132  | 6017996  | 0.33   | cps   |
| Scandium   | 45-1  | 5551789  | 5486354  | 5585353  | 5541166  | 0.91   | cps   |
| Scandium   | 45-2  | 341526   | 340571   | 339107   | 340401   | 0.36   | cps   |
| Selenium   | 77-2  | 0        | 10       | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 150      | 139      | 120      | 136      | 10.97  | cps   |
| Selenium   | 82-1  | 149      | 163      | 227      | 180      | 23.37  | cps   |
| Silicon    | 28-1  | 5889521  | 5935280  | 5878800  | 5901200  | 0.51   | cps   |
| Silver     | 109-1 | 125      | 175      | 183      | 161      | 19.58  | cps   |
| Silver     | 107-1 | 175      | 175      | 183      | 178      | 2.71   | cps   |
| Sodium     | 23-2  | 5862036  | 5891771  | 5903055  | 5885621  | 0.36   | cps   |
| Strontium  | 86-1  | 79219    | 78825    | 79412    | 79152    | 0.38   | cps   |
| Strontium  | 88-1  | 690337   | 682400   | 689361   | 687366   | 0.63   | cps   |
| Sulfur     | 34-1  | 421557   | 418970   | 420939   | 420488   | 0.32   | cps   |
| Terbium    | 159-1 | 13905756 | 13862136 | 13834807 | 13867566 | 0.26   | cps   |
| Terbium    | 159-2 | 8807514  | 8809662  | 8740682  | 8785953  | 0.45   | cps   |
| Thallium   | 203-1 | 333      | 558      | 392      | 428      | 27.30  | cps   |
| Thallium   | 205-1 | 1042     | 1208     | 1233     | 1161     | 8.97   | cps   |
| Tin        | 118-1 | 2117     | 1967     | 1684     | 1922     | 11.45  | cps   |
| Titanium   | 47-1  | 1067     | 1008     | 950      | 1008     | 5.79   | cps   |
| Uranium    | 238-1 | 658      | 817      | 825      | 767      | 12.25  | cps   |
| Vanadium   | 51-2  | 283      | 277      | 303      | 288      | 4.82   | cps   |
| Yttrium    | 89-1  | 11017920 | 11034853 | 11151293 | 11068022 | 0.66   | cps   |
| Yttrium    | 89-2  | 1969877  | 1975014  | 1987917  | 1977603  | 0.47   | cps   |
| Zinc       | 66-2  | 46183    | 47169    | 46146    | 46499    | 1.25   | cps   |
| Zirconium  | 90-1  | 1975     | 1742     | 1934     | 1884     | 6.61   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-17             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-17-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:56:34  | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 450  | 367  | 419     | 10.94  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-18-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:59:59  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5501     | 5451     | 5426     | 5460     | 0.70   | cps   |
| Antimony   | 121-1 | 1975     | 1842     | 1550     | 1789     | 12.15  | cps   |
| Arsenic    | 75-2  | 215      | 193      | 207      | 205      | 5.52   | cps   |
| Barium     | 135-1 | 50995    | 52166    | 50736    | 51299    | 1.49   | cps   |
| Barium     | 137-1 | 89370    | 89824    | 89152    | 89449    | 0.38   | cps   |
| Beryllium  | 9-1   | 22       | 28       | 39       | 30       | 28.65  | cps   |
| Bismuth    | 209-1 | 8723332  | 8759777  | 8829829  | 8770979  | 0.62   | cps   |
| Bismuth    | 209-2 | 6259732  | 6286080  | 6316377  | 6287396  | 0.45   | cps   |
| Boron      | 10-1  | 717      | 717      | 750      | 728      | 2.64   | cps   |
| Boron      | 11-1  | 3859     | 4001     | 3942     | 3934     | 1.81   | cps   |
| Cadmium    | 111-1 | 3530     | 3686     | 3481     | 3565     | 3.00   | cps   |
| Cadmium    | 106-1 | 5009     | 5235     | 4976     | 5073     | 2.77   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 33       | 24       | 36.73  | cps   |
| Calcium    | 43-1  | 174426   | 173946   | 173978   | 174117   | 0.15   | cps   |
| Calcium    | 44-1  | 2870633  | 2868179  | 2875080  | 2871297  | 0.12   | cps   |
| Chromium   | 52-2  | 3867     | 3697     | 3714     | 3759     | 2.49   | cps   |
| Cobalt     | 59-2  | 710      | 743      | 673      | 709      | 4.94   | cps   |
| Copper     | 63-2  | 1160901  | 1157709  | 1151690  | 1156767  | 0.40   | cps   |
| Dysprosium | 156-1 | 117      | 25       | 58       | 67       | 69.60  | cps   |
| Dysprosium | 156-2 | 30       | 47       | 30       | 36       | 27.07  | cps   |
| Erbium     | 164-1 | 150      | 208      | 75       | 144      | 46.28  | cps   |
| Erbium     | 164-2 | 87       | 63       | 57       | 69       | 22.87  | cps   |
| Gadolinium | 160-1 | 200      | 267      | 267      | 244      | 15.75  | cps   |
| Gadolinium | 160-2 | 227      | 183      | 157      | 189      | 18.70  | cps   |
| Holmium    | 165-1 | 13354358 | 13271399 | 13404995 | 13343584 | 0.51   | cps   |
| Holmium    | 165-2 | 8617129  | 8658834  | 8691236  | 8655733  | 0.43   | cps   |
| Indium     | 115-1 | 11174448 | 11264526 | 11239079 | 11226018 | 0.41   | cps   |
| Indium     | 115-2 | 2682014  | 2677519  | 2679263  | 2679599  | 0.08   | cps   |
| Iron       | 56-2  | 150045   | 149341   | 157238   | 152208   | 2.87   | cps   |
| Iron       | 57-2  | 4595     | 4429     | 4190     | 4405     | 4.63   | cps   |
| Lead       | 206-1 | 5318     | 5090     | 5207     | 5205     | 2.19   | cps   |
| Lead       | 207-1 | 4279     | 4356     | 4412     | 4349     | 1.54   | cps   |
| Lead       | 208-1 | 20468    | 20134    | 20362    | 20321    | 0.84   | cps   |
| Lithium    | 6-1   | 380030   | 383073   | 384056   | 382386   | 0.55   | cps   |
| Magnesium  | 24-2  | 433597   | 429153   | 429732   | 430827   | 0.56   | cps   |
| Manganese  | 55-2  | 42776    | 42324    | 41927    | 42342    | 1.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-18-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:59:59  | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 725      | 842      | 770      | 8.20   | cps   |
| Molybdenum | 95-1  | 292      | 350      | 350      | 331      | 10.19  | cps   |
| Molybdenum | 96-1  | 425      | 525      | 408      | 453      | 13.94  | cps   |
| Molybdenum | 97-1  | 192      | 233      | 192      | 206      | 11.70  | cps   |
| Molybdenum | 98-1  | 433      | 583      | 508      | 508      | 14.75  | cps   |
| Neodymium  | 150-1 | 47       | 33       | 80       | 53       | 45.07  | cps   |
| Neodymium  | 150-2 | 23       | 27       | 37       | 29       | 24.03  | cps   |
| Nickel     | 60-2  | 1457     | 1297     | 1247     | 1333     | 8.23   | cps   |
| Phosphorus | 31-2  | 5918     | 5843     | 6143     | 5968     | 2.62   | cps   |
| Potassium  | 39-2  | 211962   | 211419   | 209095   | 210825   | 0.72   | cps   |
| Rhodium    | 103-1 | 10254941 | 10231251 | 10274430 | 10253540 | 0.21   | cps   |
| Rhodium    | 103-2 | 5540612  | 5586577  | 5902455  | 5676548  | 3.47   | cps   |
| Scandium   | 45-1  | 5461026  | 5549616  | 5496449  | 5502364  | 0.81   | cps   |
| Scandium   | 45-2  | 341476   | 339703   | 339237   | 340139   | 0.35   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 106      | 128      | 113      | 115      | 9.80   | cps   |
| Selenium   | 82-1  | 152      | 150      | 203      | 168      | 17.88  | cps   |
| Silicon    | 28-1  | 5835143  | 5890708  | 5899705  | 5875185  | 0.60   | cps   |
| Silver     | 109-1 | 158      | 117      | 125      | 133      | 16.54  | cps   |
| Silver     | 107-1 | 175      | 192      | 250      | 206      | 19.16  | cps   |
| Sodium     | 23-2  | 5894249  | 5734847  | 5823896  | 5817664  | 1.37   | cps   |
| Strontium  | 86-1  | 78985    | 80108    | 77929    | 79007    | 1.38   | cps   |
| Strontium  | 88-1  | 688427   | 679507   | 681122   | 683019   | 0.70   | cps   |
| Sulfur     | 34-1  | 423305   | 421131   | 414759   | 419732   | 1.06   | cps   |
| Terbium    | 159-1 | 13983860 | 13945789 | 13923676 | 13951108 | 0.22   | cps   |
| Terbium    | 159-2 | 8652088  | 8749509  | 8632244  | 8677947  | 0.72   | cps   |
| Thallium   | 203-1 | 333      | 367      | 267      | 322      | 15.80  | cps   |
| Thallium   | 205-1 | 883      | 783      | 1050     | 906      | 14.88  | cps   |
| Tin        | 118-1 | 1650     | 1625     | 1567     | 1614     | 2.65   | cps   |
| Titanium   | 47-1  | 942      | 992      | 1645     | 1193     | 32.89  | cps   |
| Uranium    | 238-1 | 617      | 650      | 733      | 667      | 9.01   | cps   |
| Vanadium   | 51-2  | 293      | 247      | 260      | 267      | 9.01   | cps   |
| Yttrium    | 89-1  | 10997790 | 11049156 | 11089561 | 11045502 | 0.42   | cps   |
| Yttrium    | 89-2  | 1953467  | 1959678  | 1960743  | 1957963  | 0.20   | cps   |
| Zinc       | 66-2  | 19326    | 19657    | 19163    | 19382    | 1.30   | cps   |
| Zirconium  | 90-1  | 1850     | 1692     | 1684     | 1742     | 5.39   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-18             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-18-FL1-BR1-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 17:59:59  | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 467  | 300  | 361     | 25.42  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-19 Instrumnet Name : P7  
 Client Sample ID : DC14598-19-FL1-BR2-W Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:03:24 DataFile Name : 044SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2092     | 1717     | 1842     | 1884     | 10.14  | cps   |
| Antimony   | 121-1 | 1458     | 1617     | 1583     | 1553     | 5.38   | cps   |
| Arsenic    | 75-2  | 187      | 196      | 178      | 187      | 4.95   | cps   |
| Barium     | 135-1 | 52040    | 53320    | 52458    | 52606    | 1.24   | cps   |
| Barium     | 137-1 | 88365    | 91745    | 91803    | 90638    | 2.17   | cps   |
| Beryllium  | 9-1   | 28       | 28       | 22       | 26       | 12.38  | cps   |
| Bismuth    | 209-1 | 8732597  | 8766670  | 8950755  | 8816674  | 1.33   | cps   |
| Bismuth    | 209-2 | 6249130  | 6259952  | 6217631  | 6242238  | 0.35   | cps   |
| Boron      | 10-1  | 633      | 808      | 758      | 733      | 12.29  | cps   |
| Boron      | 11-1  | 3567     | 3876     | 4034     | 3826     | 6.21   | cps   |
| Cadmium    | 111-1 | 3508     | 3516     | 3677     | 3567     | 2.67   | cps   |
| Cadmium    | 106-1 | 4993     | 4976     | 5226     | 5065     | 2.76   | cps   |
| Cadmium    | 108-1 | 29       | 13       | 21       | 21       | 40.01  | cps   |
| Calcium    | 43-1  | 174959   | 176374   | 180834   | 177389   | 1.73   | cps   |
| Calcium    | 44-1  | 2890314  | 2901096  | 2927498  | 2906303  | 0.66   | cps   |
| Chromium   | 52-2  | 3897     | 3591     | 3757     | 3748     | 4.10   | cps   |
| Cobalt     | 59-2  | 637      | 557      | 637      | 610      | 7.57   | cps   |
| Copper     | 63-2  | 1075326  | 1073218  | 1068443  | 1072329  | 0.33   | cps   |
| Dysprosium | 156-1 | 92       | 42       | 58       | 64       | 39.85  | cps   |
| Dysprosium | 156-2 | 50       | 27       | 40       | 39       | 30.10  | cps   |
| Erbium     | 164-1 | 50       | 100      | 108      | 86       | 36.64  | cps   |
| Erbium     | 164-2 | 43       | 50       | 77       | 57       | 31.13  | cps   |
| Gadolinium | 160-1 | 225      | 267      | 208      | 233      | 12.88  | cps   |
| Gadolinium | 160-2 | 230      | 207      | 203      | 213      | 6.81   | cps   |
| Holmium    | 165-1 | 13345435 | 13431490 | 13769369 | 13515431 | 1.66   | cps   |
| Holmium    | 165-2 | 8619169  | 8621145  | 8644232  | 8628182  | 0.16   | cps   |
| Indium     | 115-1 | 10999944 | 11188395 | 11360572 | 11182970 | 1.61   | cps   |
| Indium     | 115-2 | 2670454  | 2648957  | 2667770  | 2662394  | 0.44   | cps   |
| Iron       | 56-2  | 147177   | 143865   | 152227   | 147756   | 2.85   | cps   |
| Iron       | 57-2  | 4384     | 4312     | 4601     | 4432     | 3.40   | cps   |
| Lead       | 206-1 | 9481     | 9442     | 9309     | 9411     | 0.96   | cps   |
| Lead       | 207-1 | 8153     | 7741     | 8275     | 8056     | 3.47   | cps   |
| Lead       | 208-1 | 37305    | 36676    | 37266    | 37082    | 0.95   | cps   |
| Lithium    | 6-1   | 375504   | 388524   | 394675   | 386234   | 2.53   | cps   |
| Magnesium  | 24-2  | 420732   | 412070   | 414924   | 415908   | 1.06   | cps   |
| Manganese  | 55-2  | 38958    | 38330    | 38440    | 38576    | 0.87   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-19-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:03:24  | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 725      | 633      | 664      | 7.97   | cps   |
| Molybdenum | 95-1  | 250      | 250      | 292      | 264      | 9.12   | cps   |
| Molybdenum | 96-1  | 525      | 425      | 600      | 517      | 16.99  | cps   |
| Molybdenum | 97-1  | 133      | 158      | 258      | 183      | 36.08  | cps   |
| Molybdenum | 98-1  | 617      | 508      | 500      | 542      | 12.02  | cps   |
| Neodymium  | 150-1 | 40       | 73       | 73       | 62       | 30.93  | cps   |
| Neodymium  | 150-2 | 17       | 40       | 27       | 28       | 42.13  | cps   |
| Nickel     | 60-2  | 1437     | 1353     | 1223     | 1338     | 8.04   | cps   |
| Phosphorus | 31-2  | 6168     | 5851     | 5676     | 5899     | 4.23   | cps   |
| Potassium  | 39-2  | 216843   | 209543   | 212435   | 212940   | 1.73   | cps   |
| Rhodium    | 103-1 | 10233058 | 10400100 | 10585722 | 10406294 | 1.70   | cps   |
| Rhodium    | 103-2 | 6042251  | 5928287  | 5510009  | 5826849  | 4.81   | cps   |
| Scandium   | 45-1  | 5389212  | 5539427  | 5685381  | 5538007  | 2.67   | cps   |
| Scandium   | 45-2  | 338602   | 338632   | 337476   | 338237   | 0.19   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 102      | 130      | 117      | 12.06  | cps   |
| Selenium   | 82-1  | 130      | 106      | 232      | 156      | 42.92  | cps   |
| Silicon    | 28-1  | 5816953  | 5816696  | 5844472  | 5826040  | 0.27   | cps   |
| Silver     | 109-1 | 133      | 125      | 100      | 119      | 14.52  | cps   |
| Silver     | 107-1 | 117      | 167      | 150      | 144      | 17.63  | cps   |
| Sodium     | 23-2  | 5702274  | 5775021  | 5797169  | 5758155  | 0.86   | cps   |
| Strontium  | 86-1  | 80752    | 77685    | 78916    | 79118    | 1.95   | cps   |
| Strontium  | 88-1  | 686056   | 685835   | 688257   | 686716   | 0.20   | cps   |
| Sulfur     | 34-1  | 421944   | 419523   | 421646   | 421038   | 0.31   | cps   |
| Terbium    | 159-1 | 13609715 | 14013094 | 14136019 | 13919609 | 1.98   | cps   |
| Terbium    | 159-2 | 8799782  | 8562824  | 8609115  | 8657240  | 1.45   | cps   |
| Thallium   | 203-1 | 350      | 392      | 417      | 386      | 8.72   | cps   |
| Thallium   | 205-1 | 783      | 900      | 850      | 845      | 6.93   | cps   |
| Tin        | 118-1 | 1592     | 1684     | 1842     | 1706     | 7.42   | cps   |
| Titanium   | 47-1  | 925      | 758      | 942      | 875      | 11.59  | cps   |
| Uranium    | 238-1 | 500      | 550      | 542      | 531      | 5.05   | cps   |
| Vanadium   | 51-2  | 303      | 303      | 270      | 292      | 6.58   | cps   |
| Yttrium    | 89-1  | 10904997 | 11010700 | 11107284 | 11007660 | 0.92   | cps   |
| Yttrium    | 89-2  | 1963190  | 1949378  | 1960164  | 1957577  | 0.37   | cps   |
| Zinc       | 66-2  | 40810    | 41225    | 41038    | 41024    | 0.51   | cps   |
| Zirconium  | 90-1  | 1609     | 1550     | 1567     | 1575     | 1.91   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-19             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-19-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:03:24  | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 358  | 350  | 364     | 4.77   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-20-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:06:49  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1800     | 1975     | 2068     | 1948     | 6.99   | cps   |
| Antimony   | 121-1 | 1033     | 1225     | 1117     | 1125     | 8.54   | cps   |
| Arsenic    | 75-2  | 185      | 198      | 226      | 203      | 10.25  | cps   |
| Barium     | 135-1 | 53252    | 52183    | 53537    | 52991    | 1.35   | cps   |
| Barium     | 137-1 | 92122    | 90696    | 91477    | 91431    | 0.78   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 22       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 8890596  | 8926114  | 8813035  | 8876582  | 0.65   | cps   |
| Bismuth    | 209-2 | 6281181  | 6263816  | 6283065  | 6276021  | 0.17   | cps   |
| Boron      | 10-1  | 567      | 642      | 775      | 661      | 15.96  | cps   |
| Boron      | 11-1  | 3934     | 3492     | 3517     | 3648     | 6.80   | cps   |
| Cadmium    | 111-1 | 3663     | 3380     | 3503     | 3516     | 4.04   | cps   |
| Cadmium    | 106-1 | 5176     | 4784     | 4976     | 4979     | 3.93   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 25       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 177082   | 179048   | 174106   | 176745   | 1.41   | cps   |
| Calcium    | 44-1  | 2894864  | 2923356  | 2887786  | 2902002  | 0.65   | cps   |
| Chromium   | 52-2  | 3567     | 3541     | 3761     | 3623     | 3.32   | cps   |
| Cobalt     | 59-2  | 383      | 453      | 467      | 434      | 10.30  | cps   |
| Copper     | 63-2  | 1122266  | 1122217  | 1122837  | 1122440  | 0.03   | cps   |
| Dysprosium | 156-1 | 83       | 58       | 58       | 67       | 21.65  | cps   |
| Dysprosium | 156-2 | 47       | 40       | 33       | 40       | 16.68  | cps   |
| Erbium     | 164-1 | 125      | 58       | 50       | 78       | 52.85  | cps   |
| Erbium     | 164-2 | 63       | 60       | 53       | 59       | 8.65   | cps   |
| Gadolinium | 160-1 | 200      | 200      | 225      | 208      | 6.93   | cps   |
| Gadolinium | 160-2 | 217      | 227      | 237      | 227      | 4.41   | cps   |
| Holmium    | 165-1 | 13543617 | 13542372 | 13478413 | 13521467 | 0.28   | cps   |
| Holmium    | 165-2 | 8760509  | 8599445  | 8685105  | 8681686  | 0.93   | cps   |
| Indium     | 115-1 | 11338560 | 11339825 | 11302156 | 11326847 | 0.19   | cps   |
| Indium     | 115-2 | 2683862  | 2679705  | 2671193  | 2678253  | 0.24   | cps   |
| Iron       | 56-2  | 151346   | 147259   | 162478   | 153695   | 5.12   | cps   |
| Iron       | 57-2  | 4362     | 4501     | 4784     | 4549     | 4.73   | cps   |
| Lead       | 206-1 | 4284     | 4429     | 4267     | 4327     | 2.05   | cps   |
| Lead       | 207-1 | 3756     | 3995     | 3851     | 3867     | 3.11   | cps   |
| Lead       | 208-1 | 17166    | 17349    | 16899    | 17138    | 1.32   | cps   |
| Lithium    | 6-1   | 390622   | 386152   | 388493   | 388422   | 0.58   | cps   |
| Magnesium  | 24-2  | 393458   | 389836   | 388063   | 390452   | 0.70   | cps   |
| Manganese  | 55-2  | 42622    | 41702    | 43692    | 42672    | 2.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-20-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:06:49  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 692      | 617      | 692      | 10.84  | cps   |
| Molybdenum | 95-1  | 300      | 350      | 283      | 311      | 11.15  | cps   |
| Molybdenum | 96-1  | 375      | 492      | 508      | 458      | 15.85  | cps   |
| Molybdenum | 97-1  | 200      | 200      | 183      | 194      | 4.95   | cps   |
| Molybdenum | 98-1  | 375      | 425      | 442      | 414      | 8.38   | cps   |
| Neodymium  | 150-1 | 67       | 67       | 80       | 71       | 10.82  | cps   |
| Neodymium  | 150-2 | 23       | 20       | 30       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 817      | 833      | 833      | 828      | 1.16   | cps   |
| Phosphorus | 31-2  | 5985     | 6218     | 6218     | 6140     | 2.20   | cps   |
| Potassium  | 39-2  | 208131   | 209477   | 210336   | 209315   | 0.53   | cps   |
| Rhodium    | 103-1 | 10421710 | 10394196 | 10408983 | 10408296 | 0.13   | cps   |
| Rhodium    | 103-2 | 6057725  | 5972053  | 5968589  | 5999456  | 0.84   | cps   |
| Scandium   | 45-1  | 5579331  | 5576987  | 5574839  | 5577053  | 0.04   | cps   |
| Scandium   | 45-2  | 339105   | 339703   | 340120   | 339643   | 0.15   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 104      | 135      | 120      | 120      | 13.15  | cps   |
| Selenium   | 82-1  | 107      | 244      | 227      | 192      | 38.68  | cps   |
| Silicon    | 28-1  | 5821847  | 5696679  | 5694800  | 5737776  | 1.27   | cps   |
| Silver     | 109-1 | 50       | 83       | 117      | 83       | 40.00  | cps   |
| Silver     | 107-1 | 175      | 217      | 125      | 172      | 26.65  | cps   |
| Sodium     | 23-2  | 5812730  | 5735351  | 5775373  | 5774485  | 0.67   | cps   |
| Strontium  | 86-1  | 78507    | 78616    | 78347    | 78490    | 0.17   | cps   |
| Strontium  | 88-1  | 690498   | 686801   | 681801   | 686367   | 0.64   | cps   |
| Sulfur     | 34-1  | 423467   | 420000   | 424324   | 422597   | 0.54   | cps   |
| Terbium    | 159-1 | 13992494 | 14095055 | 13973173 | 14020241 | 0.47   | cps   |
| Terbium    | 159-2 | 8723471  | 8710801  | 8619561  | 8684611  | 0.65   | cps   |
| Thallium   | 203-1 | 450      | 358      | 308      | 372      | 19.30  | cps   |
| Thallium   | 205-1 | 650      | 908      | 800      | 786      | 16.50  | cps   |
| Tin        | 118-1 | 1650     | 1542     | 1675     | 1622     | 4.37   | cps   |
| Titanium   | 47-1  | 1017     | 1117     | 1017     | 1050     | 5.50   | cps   |
| Uranium    | 238-1 | 442      | 458      | 633      | 511      | 20.77  | cps   |
| Vanadium   | 51-2  | 300      | 257      | 290      | 282      | 8.04   | cps   |
| Yttrium    | 89-1  | 11147581 | 11188337 | 11094072 | 11143330 | 0.42   | cps   |
| Yttrium    | 89-2  | 1975733  | 1943068  | 1955024  | 1957942  | 0.84   | cps   |
| Zinc       | 66-2  | 16002    | 15388    | 15875    | 15755    | 2.06   | cps   |
| Zirconium  | 90-1  | 1684     | 1567     | 1709     | 1653     | 4.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-20             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-20-FL1-BR2-W | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:06:49  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 442  | 317  | 344     | 25.18  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-23-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:10:14   | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1292     | 1317     | 1625     | 1411     | 13.16  | cps   |
| Antimony   | 121-1 | 800      | 967      | 842      | 870      | 9.98   | cps   |
| Arsenic    | 75-2  | 220      | 220      | 193      | 211      | 7.59   | cps   |
| Barium     | 135-1 | 50242    | 49807    | 50309    | 50119    | 0.54   | cps   |
| Barium     | 137-1 | 86419    | 87761    | 87459    | 87213    | 0.81   | cps   |
| Beryllium  | 9-1   | 33       | 17       | 44       | 31       | 44.41  | cps   |
| Bismuth    | 209-1 | 8961176  | 8952649  | 8888176  | 8934000  | 0.45   | cps   |
| Bismuth    | 209-2 | 6254904  | 6238606  | 6308081  | 6267197  | 0.58   | cps   |
| Boron      | 10-1  | 642      | 725      | 767      | 711      | 8.95   | cps   |
| Boron      | 11-1  | 3351     | 3376     | 3242     | 3323     | 2.13   | cps   |
| Cadmium    | 111-1 | 3969     | 3575     | 3669     | 3738     | 5.49   | cps   |
| Cadmium    | 106-1 | 5626     | 5085     | 5210     | 5307     | 5.35   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 33       | 21       | 52.90  | cps   |
| Calcium    | 43-1  | 179612   | 177682   | 178163   | 178486   | 0.56   | cps   |
| Calcium    | 44-1  | 2933378  | 2924625  | 2911236  | 2923080  | 0.38   | cps   |
| Chromium   | 52-2  | 3350     | 3504     | 3370     | 3408     | 2.45   | cps   |
| Cobalt     | 59-2  | 233      | 203      | 277      | 238      | 15.50  | cps   |
| Copper     | 63-2  | 984706   | 981554   | 988184   | 984815   | 0.34   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 33       | 67       | 45.07  | cps   |
| Dysprosium | 156-2 | 27       | 33       | 57       | 39       | 40.51  | cps   |
| Erbium     | 164-1 | 75       | 75       | 117      | 89       | 27.07  | cps   |
| Erbium     | 164-2 | 53       | 60       | 70       | 61       | 13.73  | cps   |
| Gadolinium | 160-1 | 183      | 200      | 167      | 183      | 9.09   | cps   |
| Gadolinium | 160-2 | 207      | 170      | 187      | 188      | 9.78   | cps   |
| Holmium    | 165-1 | 13653071 | 13639692 | 13630369 | 13641044 | 0.08   | cps   |
| Holmium    | 165-2 | 8672947  | 8638717  | 8754268  | 8688644  | 0.68   | cps   |
| Indium     | 115-1 | 11341800 | 11346173 | 11234195 | 11307389 | 0.56   | cps   |
| Indium     | 115-2 | 2664345  | 2687226  | 2684139  | 2678570  | 0.46   | cps   |
| Iron       | 56-2  | 142512   | 140552   | 140620   | 141228   | 0.79   | cps   |
| Iron       | 57-2  | 4401     | 4501     | 4195     | 4366     | 3.57   | cps   |
| Lead       | 206-1 | 4001     | 4229     | 4490     | 4240     | 5.77   | cps   |
| Lead       | 207-1 | 3673     | 3745     | 4217     | 3878     | 7.63   | cps   |
| Lead       | 208-1 | 17227    | 17494    | 17916    | 17546    | 1.98   | cps   |
| Lithium    | 6-1   | 383043   | 387174   | 395733   | 388650   | 1.67   | cps   |
| Magnesium  | 24-2  | 364696   | 358945   | 366092   | 363244   | 1.04   | cps   |
| Manganese  | 55-2  | 36606    | 36395    | 36830    | 36610    | 0.59   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-23 Instrumnet Name : P7  
 Client Sample ID : DC14598-23-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:10:14 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 817      | 683      | 758      | 9.00   | cps   |
| Molybdenum | 95-1  | 300      | 333      | 325      | 319      | 5.43   | cps   |
| Molybdenum | 96-1  | 475      | 475      | 525      | 492      | 5.87   | cps   |
| Molybdenum | 97-1  | 200      | 242      | 225      | 222      | 9.44   | cps   |
| Molybdenum | 98-1  | 483      | 475      | 483      | 481      | 1.00   | cps   |
| Neodymium  | 150-1 | 80       | 53       | 100      | 78       | 30.10  | cps   |
| Neodymium  | 150-2 | 27       | 190      | 33       | 83       | 110.95 | cps   |
| Nickel     | 60-2  | 783      | 733      | 757      | 758      | 3.30   | cps   |
| Phosphorus | 31-2  | 6152     | 5968     | 6510     | 6210     | 4.44   | cps   |
| Potassium  | 39-2  | 211587   | 211959   | 213118   | 212221   | 0.38   | cps   |
| Rhodium    | 103-1 | 10596987 | 10408753 | 10489604 | 10498448 | 0.90   | cps   |
| Rhodium    | 103-2 | 5918799  | 6012434  | 6019557  | 5983597  | 0.94   | cps   |
| Scandium   | 45-1  | 5571219  | 5559757  | 5521895  | 5550957  | 0.47   | cps   |
| Scandium   | 45-2  | 336677   | 341870   | 344073   | 340873   | 1.11   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 150      | 87       | 135      | 124      | 26.53  | cps   |
| Selenium   | 82-1  | 136      | 266      | 126      | 176      | 44.52  | cps   |
| Silicon    | 28-1  | 5852458  | 5766401  | 5797029  | 5805296  | 0.75   | cps   |
| Silver     | 109-1 | 125      | 100      | 75       | 100      | 25.00  | cps   |
| Silver     | 107-1 | 133      | 208      | 117      | 153      | 31.96  | cps   |
| Sodium     | 23-2  | 5868425  | 5755612  | 5864624  | 5829554  | 1.10   | cps   |
| Strontium  | 86-1  | 80351    | 79152    | 79763    | 79755    | 0.75   | cps   |
| Strontium  | 88-1  | 688934   | 688912   | 692916   | 690254   | 0.33   | cps   |
| Sulfur     | 34-1  | 428772   | 423187   | 426819   | 426259   | 0.66   | cps   |
| Terbium    | 159-1 | 14162102 | 14187759 | 14032090 | 14127317 | 0.59   | cps   |
| Terbium    | 159-2 | 8757757  | 8838003  | 8773872  | 8789877  | 0.48   | cps   |
| Thallium   | 203-1 | 325      | 300      | 333      | 319      | 5.43   | cps   |
| Thallium   | 205-1 | 767      | 792      | 808      | 789      | 2.66   | cps   |
| Tin        | 118-1 | 1508     | 1559     | 1367     | 1478     | 6.74   | cps   |
| Titanium   | 47-1  | 767      | 950      | 808      | 842      | 11.42  | cps   |
| Uranium    | 238-1 | 517      | 517      | 492      | 508      | 2.84   | cps   |
| Vanadium   | 51-2  | 280      | 320      | 210      | 270      | 20.62  | cps   |
| Yttrium    | 89-1  | 11199590 | 11189652 | 11236916 | 11208719 | 0.22   | cps   |
| Yttrium    | 89-2  | 1944535  | 1966365  | 1975819  | 1962240  | 0.82   | cps   |
| Zinc       | 66-2  | 17627    | 17497    | 17898    | 17674    | 1.16   | cps   |
| Zirconium  | 90-1  | 1450     | 1725     | 1525     | 1567     | 9.07   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-23-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:10:14   | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 308  | 333  | 281     | 25.26  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-24 Instrumnet Name : P7  
 Client Sample ID : DC14598-24-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:13:39 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1092     | 1450     | 1300     | 1281     | 14.05  | cps   |
| Antimony   | 121-1 | 742      | 775      | 833      | 783      | 5.92   | cps   |
| Arsenic    | 75-2  | 194      | 231      | 193      | 206      | 10.64  | cps   |
| Barium     | 135-1 | 49046    | 49816    | 48904    | 49255    | 1.00   | cps   |
| Barium     | 137-1 | 84642    | 85982    | 86529    | 85717    | 1.13   | cps   |
| Beryllium  | 9-1   | 22       | 6        | 39       | 22       | 74.99  | cps   |
| Bismuth    | 209-1 | 8796195  | 8766792  | 8920695  | 8827894  | 0.93   | cps   |
| Bismuth    | 209-2 | 6247308  | 6288284  | 6227755  | 6254449  | 0.49   | cps   |
| Boron      | 10-1  | 550      | 733      | 508      | 597      | 20.04  | cps   |
| Boron      | 11-1  | 3367     | 3309     | 3276     | 3317     | 1.40   | cps   |
| Cadmium    | 111-1 | 3426     | 3433     | 3670     | 3510     | 3.96   | cps   |
| Cadmium    | 106-1 | 4851     | 4859     | 5235     | 4982     | 4.40   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 33       | 24       | 36.73  | cps   |
| Calcium    | 43-1  | 176264   | 175487   | 173009   | 174920   | 0.97   | cps   |
| Calcium    | 44-1  | 2860362  | 2856491  | 2890002  | 2868951  | 0.64   | cps   |
| Chromium   | 52-2  | 4144     | 3941     | 3787     | 3957     | 4.52   | cps   |
| Cobalt     | 59-2  | 170      | 200      | 243      | 204      | 18.03  | cps   |
| Copper     | 63-2  | 1055133  | 1059131  | 1047443  | 1053903  | 0.56   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 58       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 47       | 23       | 63       | 44       | 45.21  | cps   |
| Erbium     | 164-1 | 117      | 133      | 108      | 119      | 10.66  | cps   |
| Erbium     | 164-2 | 43       | 77       | 63       | 61       | 27.46  | cps   |
| Gadolinium | 160-1 | 350      | 208      | 225      | 261      | 29.65  | cps   |
| Gadolinium | 160-2 | 190      | 187      | 213      | 197      | 7.39   | cps   |
| Holmium    | 165-1 | 13478550 | 13569496 | 13463149 | 13503732 | 0.43   | cps   |
| Holmium    | 165-2 | 8664842  | 8733487  | 8608422  | 8668917  | 0.72   | cps   |
| Indium     | 115-1 | 11198403 | 11146072 | 11312645 | 11219040 | 0.76   | cps   |
| Indium     | 115-2 | 2671041  | 2659654  | 2642290  | 2657662  | 0.54   | cps   |
| Iron       | 56-2  | 151748   | 149856   | 136419   | 146007   | 5.72   | cps   |
| Iron       | 57-2  | 4206     | 4267     | 4529     | 4334     | 3.96   | cps   |
| Lead       | 206-1 | 2873     | 2756     | 2711     | 2780     | 2.99   | cps   |
| Lead       | 207-1 | 2273     | 2339     | 2384     | 2332     | 2.40   | cps   |
| Lead       | 208-1 | 10841    | 10863    | 10558    | 10754    | 1.58   | cps   |
| Lithium    | 6-1   | 390158   | 386920   | 388121   | 388400   | 0.42   | cps   |
| Magnesium  | 24-2  | 360027   | 363127   | 352491   | 358548   | 1.53   | cps   |
| Manganese  | 55-2  | 35453    | 35065    | 35015    | 35178    | 0.68   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-24 Instrumnet Name : P7  
 Client Sample ID : DC14598-24-FL1-H-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:13:39 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 625      | 558      | 525      | 569      | 8.94   | cps   |
| Molybdenum | 95-1  | 367      | 458      | 258      | 361      | 27.72  | cps   |
| Molybdenum | 96-1  | 283      | 450      | 342      | 358      | 23.60  | cps   |
| Molybdenum | 97-1  | 200      | 217      | 158      | 192      | 15.68  | cps   |
| Molybdenum | 98-1  | 625      | 542      | 400      | 522      | 21.78  | cps   |
| Neodymium  | 150-1 | 73       | 47       | 87       | 69       | 29.57  | cps   |
| Neodymium  | 150-2 | 17       | 17       | 33       | 22       | 43.28  | cps   |
| Nickel     | 60-2  | 630      | 683      | 657      | 657      | 4.06   | cps   |
| Phosphorus | 31-2  | 5951     | 6718     | 5818     | 6163     | 7.89   | cps   |
| Potassium  | 39-2  | 207711   | 210110   | 209985   | 209268   | 0.65   | cps   |
| Rhodium    | 103-1 | 10323597 | 10209985 | 10267752 | 10267111 | 0.55   | cps   |
| Rhodium    | 103-2 | 6039668  | 5959114  | 5960343  | 5986375  | 0.77   | cps   |
| Scandium   | 45-1  | 5487370  | 5432190  | 5555532  | 5491698  | 1.13   | cps   |
| Scandium   | 45-2  | 338108   | 341104   | 336293   | 338501   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Selenium   | 78-2  | 131      | 106      | 98       | 112      | 15.66  | cps   |
| Selenium   | 82-1  | 169      | 181      | 82       | 144      | 37.48  | cps   |
| Silicon    | 28-1  | 5707485  | 5820306  | 5774852  | 5767548  | 0.98   | cps   |
| Silver     | 109-1 | 108      | 100      | 100      | 103      | 4.68   | cps   |
| Silver     | 107-1 | 200      | 208      | 142      | 183      | 19.82  | cps   |
| Sodium     | 23-2  | 5768135  | 5780192  | 5774429  | 5774252  | 0.10   | cps   |
| Strontium  | 86-1  | 78490    | 78657    | 78909    | 78685    | 0.27   | cps   |
| Strontium  | 88-1  | 678045   | 679162   | 673044   | 676750   | 0.48   | cps   |
| Sulfur     | 34-1  | 418223   | 418537   | 420158   | 418973   | 0.25   | cps   |
| Terbium    | 159-1 | 13920962 | 14002116 | 14017041 | 13980040 | 0.37   | cps   |
| Terbium    | 159-2 | 8745820  | 8699221  | 8665921  | 8703654  | 0.46   | cps   |
| Thallium   | 203-1 | 392      | 383      | 467      | 414      | 11.09  | cps   |
| Thallium   | 205-1 | 783      | 875      | 958      | 872      | 10.04  | cps   |
| Tin        | 118-1 | 1425     | 1642     | 1483     | 1517     | 7.39   | cps   |
| Titanium   | 47-1  | 800      | 900      | 733      | 811      | 10.34  | cps   |
| Uranium    | 238-1 | 450      | 392      | 567      | 469      | 18.98  | cps   |
| Vanadium   | 51-2  | 243      | 287      | 303      | 278      | 11.15  | cps   |
| Yttrium    | 89-1  | 11000567 | 10982991 | 11143021 | 11042193 | 0.79   | cps   |
| Yttrium    | 89-2  | 1955572  | 1962010  | 1945024  | 1954202  | 0.44   | cps   |
| Zinc       | 66-2  | 14067    | 13683    | 14137    | 13962    | 1.75   | cps   |
| Zirconium  | 90-1  | 1450     | 1433     | 1508     | 1464     | 2.69   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-24-FL1-H-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:13:39   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 283  | 283  | 350  | 306     | 12.60  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-25-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:17:05  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2250     | 2359     | 2634     | 2414     | 8.19   | cps   |
| Antimony   | 121-1 | 1158     | 1100     | 1317     | 1192     | 9.41   | cps   |
| Arsenic    | 75-2  | 191      | 161      | 213      | 188      | 13.82  | cps   |
| Barium     | 135-1 | 54048    | 53613    | 53269    | 53644    | 0.73   | cps   |
| Barium     | 137-1 | 93204    | 90252    | 93606    | 92354    | 1.98   | cps   |
| Beryllium  | 9-1   | 0        | 28       | 6        | 11       | 132.26 | cps   |
| Bismuth    | 209-1 | 8790567  | 8834059  | 8832994  | 8819207  | 0.28   | cps   |
| Bismuth    | 209-2 | 6239283  | 6260529  | 6256422  | 6252078  | 0.18   | cps   |
| Boron      | 10-1  | 758      | 875      | 908      | 847      | 9.30   | cps   |
| Boron      | 11-1  | 4893     | 4734     | 4809     | 4812     | 1.65   | cps   |
| Cadmium    | 111-1 | 3520     | 3392     | 3394     | 3435     | 2.13   | cps   |
| Cadmium    | 106-1 | 4959     | 4793     | 4809     | 4854     | 1.89   | cps   |
| Cadmium    | 108-1 | 21       | 13       | 21       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 175936   | 174740   | 173547   | 174741   | 0.68   | cps   |
| Calcium    | 44-1  | 2846490  | 2858026  | 2853352  | 2852623  | 0.20   | cps   |
| Chromium   | 52-2  | 3244     | 3684     | 3574     | 3500     | 6.54   | cps   |
| Cobalt     | 59-2  | 1363     | 1397     | 1457     | 1406     | 3.37   | cps   |
| Copper     | 63-2  | 1567581  | 1570019  | 1579162  | 1572254  | 0.39   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 67       | 64       | 19.92  | cps   |
| Dysprosium | 156-2 | 33       | 23       | 47       | 34       | 34.00  | cps   |
| Erbium     | 164-1 | 117      | 100      | 50       | 89       | 39.03  | cps   |
| Erbium     | 164-2 | 43       | 70       | 53       | 56       | 24.25  | cps   |
| Gadolinium | 160-1 | 275      | 250      | 200      | 242      | 15.80  | cps   |
| Gadolinium | 160-2 | 190      | 237      | 223      | 217      | 11.09  | cps   |
| Holmium    | 165-1 | 13420373 | 13470210 | 13393832 | 13428138 | 0.29   | cps   |
| Holmium    | 165-2 | 8658903  | 8735838  | 8767035  | 8720592  | 0.64   | cps   |
| Indium     | 115-1 | 11163964 | 11147514 | 11253278 | 11188252 | 0.51   | cps   |
| Indium     | 115-2 | 2656723  | 2662274  | 2661698  | 2660231  | 0.11   | cps   |
| Iron       | 56-2  | 154049   | 150873   | 151156   | 152026   | 1.16   | cps   |
| Iron       | 57-2  | 4618     | 4340     | 4417     | 4458     | 3.22   | cps   |
| Lead       | 206-1 | 5768     | 6118     | 5790     | 5892     | 3.33   | cps   |
| Lead       | 207-1 | 5146     | 4751     | 5351     | 5083     | 6.00   | cps   |
| Lead       | 208-1 | 23525    | 23064    | 23225    | 23272    | 1.01   | cps   |
| Lithium    | 6-1   | 389351   | 389303   | 390597   | 389751   | 0.19   | cps   |
| Magnesium  | 24-2  | 511517   | 506259   | 507837   | 508537   | 0.53   | cps   |
| Manganese  | 55-2  | 40355    | 42238    | 41375    | 41323    | 2.28   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-25-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:17:05  | DataFile Name :   | 048SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 558      | 558      | 611      | 14.96  | cps   |
| Molybdenum | 95-1  | 225      | 350      | 267      | 281      | 22.69  | cps   |
| Molybdenum | 96-1  | 625      | 500      | 408      | 511      | 21.28  | cps   |
| Molybdenum | 97-1  | 217      | 250      | 158      | 208      | 22.27  | cps   |
| Molybdenum | 98-1  | 475      | 533      | 542      | 517      | 7.03   | cps   |
| Neodymium  | 150-1 | 40       | 60       | 60       | 53       | 21.65  | cps   |
| Neodymium  | 150-2 | 43       | 47       | 13       | 34       | 53.31  | cps   |
| Nickel     | 60-2  | 5541     | 5364     | 5338     | 5414     | 2.04   | cps   |
| Phosphorus | 31-2  | 5860     | 5601     | 5918     | 5793     | 2.91   | cps   |
| Potassium  | 39-2  | 209152   | 211352   | 210100   | 210202   | 0.52   | cps   |
| Rhodium    | 103-1 | 10272256 | 10359534 | 10245808 | 10292532 | 0.58   | cps   |
| Rhodium    | 103-2 | 6011387  | 5533365  | 5996156  | 5846969  | 4.65   | cps   |
| Scandium   | 45-1  | 5529023  | 5509728  | 5545395  | 5528049  | 0.32   | cps   |
| Scandium   | 45-2  | 338344   | 337783   | 337341   | 337823   | 0.15   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 117      | 137      | 125      | 8.70   | cps   |
| Selenium   | 82-1  | 61       | 137      | 152      | 117      | 41.98  | cps   |
| Silicon    | 28-1  | 5874179  | 6020760  | 6045943  | 5980294  | 1.55   | cps   |
| Silver     | 109-1 | 217      | 133      | 175      | 175      | 23.81  | cps   |
| Silver     | 107-1 | 258      | 325      | 300      | 294      | 11.44  | cps   |
| Sodium     | 23-2  | 5939028  | 5872440  | 5897023  | 5902830  | 0.57   | cps   |
| Strontium  | 86-1  | 77425    | 78046    | 78289    | 77920    | 0.57   | cps   |
| Strontium  | 88-1  | 674880   | 676792   | 670556   | 674076   | 0.47   | cps   |
| Sulfur     | 34-1  | 419873   | 418343   | 420938   | 419718   | 0.31   | cps   |
| Terbium    | 159-1 | 13935821 | 13890439 | 13925111 | 13917124 | 0.17   | cps   |
| Terbium    | 159-2 | 8699512  | 8712557  | 8731554  | 8714541  | 0.18   | cps   |
| Thallium   | 203-1 | 342      | 342      | 333      | 339      | 1.42   | cps   |
| Thallium   | 205-1 | 958      | 833      | 800      | 864      | 9.66   | cps   |
| Tin        | 118-1 | 1692     | 1467     | 1584     | 1581     | 7.12   | cps   |
| Titanium   | 47-1  | 883      | 750      | 942      | 858      | 11.45  | cps   |
| Uranium    | 238-1 | 450      | 383      | 483      | 439      | 11.60  | cps   |
| Vanadium   | 51-2  | 277      | 337      | 317      | 310      | 9.86   | cps   |
| Yttrium    | 89-1  | 11090896 | 11086287 | 10996407 | 11057863 | 0.48   | cps   |
| Yttrium    | 89-2  | 1947541  | 1957645  | 1963635  | 1956274  | 0.42   | cps   |
| Zinc       | 66-2  | 51926    | 52431    | 52611    | 52323    | 0.68   | cps   |
| Zirconium  | 90-1  | 1567     | 1609     | 1300     | 1492     | 11.22  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-25-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:17:05  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 442  | 217  | 342  | 333     | 33.82  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-26-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:20:31  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3109     | 3151     | 2900     | 3053     | 4.39   | cps   |
| Antimony   | 121-1 | 1050     | 983      | 1083     | 1039     | 4.90   | cps   |
| Arsenic    | 75-2  | 194      | 211      | 207      | 204      | 4.28   | cps   |
| Barium     | 135-1 | 53278    | 50928    | 51790    | 51999    | 2.29   | cps   |
| Barium     | 137-1 | 90687    | 91988    | 91299    | 91325    | 0.71   | cps   |
| Beryllium  | 9-1   | 6        | 44       | 11       | 20       | 103.25 | cps   |
| Bismuth    | 209-1 | 8850976  | 8836142  | 8907908  | 8865009  | 0.43   | cps   |
| Bismuth    | 209-2 | 6247829  | 6247731  | 6227942  | 6241167  | 0.18   | cps   |
| Boron      | 10-1  | 983      | 967      | 992      | 981      | 1.30   | cps   |
| Boron      | 11-1  | 5184     | 5151     | 5018     | 5118     | 1.72   | cps   |
| Cadmium    | 111-1 | 3307     | 3468     | 3398     | 3391     | 2.38   | cps   |
| Cadmium    | 106-1 | 4709     | 4968     | 4818     | 4832     | 2.69   | cps   |
| Cadmium    | 108-1 | 21       | 38       | 29       | 29       | 28.58  | cps   |
| Calcium    | 43-1  | 173296   | 172378   | 170157   | 171944   | 0.94   | cps   |
| Calcium    | 44-1  | 2848258  | 2819494  | 2813398  | 2827050  | 0.66   | cps   |
| Chromium   | 52-2  | 3524     | 3467     | 3494     | 3495     | 0.81   | cps   |
| Cobalt     | 59-2  | 1994     | 2200     | 2174     | 2122     | 5.30   | cps   |
| Copper     | 63-2  | 1090359  | 1100467  | 1096540  | 1095789  | 0.47   | cps   |
| Dysprosium | 156-1 | 125      | 108      | 50       | 94       | 41.70  | cps   |
| Dysprosium | 156-2 | 63       | 57       | 57       | 59       | 6.53   | cps   |
| Erbium     | 164-1 | 100      | 158      | 92       | 117      | 31.13  | cps   |
| Erbium     | 164-2 | 63       | 67       | 73       | 68       | 7.52   | cps   |
| Gadolinium | 160-1 | 192      | 292      | 342      | 275      | 27.78  | cps   |
| Gadolinium | 160-2 | 227      | 197      | 243      | 222      | 10.64  | cps   |
| Holmium    | 165-1 | 13443452 | 13506634 | 13551672 | 13500586 | 0.40   | cps   |
| Holmium    | 165-2 | 8724413  | 8709525  | 8678508  | 8704149  | 0.27   | cps   |
| Indium     | 115-1 | 11351508 | 11161633 | 11263157 | 11258766 | 0.84   | cps   |
| Indium     | 115-2 | 2644140  | 2664637  | 2675107  | 2661295  | 0.59   | cps   |
| Iron       | 56-2  | 218072   | 211375   | 204130   | 211192   | 3.30   | cps   |
| Iron       | 57-2  | 6569     | 6029     | 5540     | 6046     | 8.51   | cps   |
| Lead       | 206-1 | 4734     | 4379     | 4712     | 4608     | 4.32   | cps   |
| Lead       | 207-1 | 4067     | 4062     | 4073     | 4067     | 0.14   | cps   |
| Lead       | 208-1 | 18333    | 17588    | 18283    | 18068    | 2.30   | cps   |
| Lithium    | 6-1   | 373910   | 376122   | 378577   | 376203   | 0.62   | cps   |
| Magnesium  | 24-2  | 524978   | 521030   | 525259   | 523756   | 0.45   | cps   |
| Manganese  | 55-2  | 69664    | 69678    | 68726    | 69356    | 0.79   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-26 Instrumnet Name : P7  
 Client Sample ID : DC14598-26-FL1-SR-W1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:20:31 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 800      | 1033     | 870      | 16.39  | cps   |
| Molybdenum | 95-1  | 258      | 333      | 283      | 292      | 13.09  | cps   |
| Molybdenum | 96-1  | 567      | 475      | 500      | 514      | 9.22   | cps   |
| Molybdenum | 97-1  | 175      | 167      | 125      | 156      | 17.22  | cps   |
| Molybdenum | 98-1  | 433      | 525      | 617      | 525      | 17.46  | cps   |
| Neodymium  | 150-1 | 73       | 67       | 87       | 76       | 13.48  | cps   |
| Neodymium  | 150-2 | 40       | 23       | 33       | 32       | 26.04  | cps   |
| Nickel     | 60-2  | 1057     | 1073     | 1037     | 1056     | 1.74   | cps   |
| Phosphorus | 31-2  | 5910     | 5993     | 5743     | 5882     | 2.16   | cps   |
| Potassium  | 39-2  | 210744   | 211107   | 209374   | 210408   | 0.43   | cps   |
| Rhodium    | 103-1 | 10462894 | 10285078 | 10336732 | 10361568 | 0.88   | cps   |
| Rhodium    | 103-2 | 5960691  | 5512107  | 5519558  | 5664119  | 4.53   | cps   |
| Scandium   | 45-1  | 5502932  | 5473409  | 5483061  | 5486467  | 0.27   | cps   |
| Scandium   | 45-2  | 336251   | 339771   | 338852   | 338291   | 0.54   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 117      | 98       | 169      | 128      | 28.55  | cps   |
| Selenium   | 82-1  | 212      | 99       | 247      | 186      | 41.59  | cps   |
| Silicon    | 28-1  | 6302326  | 6098741  | 6078401  | 6159823  | 2.01   | cps   |
| Silver     | 109-1 | 225      | 217      | 100      | 181      | 38.71  | cps   |
| Silver     | 107-1 | 208      | 192      | 267      | 222      | 17.72  | cps   |
| Sodium     | 23-2  | 5896427  | 5789362  | 5838343  | 5841378  | 0.92   | cps   |
| Strontium  | 86-1  | 77107    | 77510    | 78323    | 77647    | 0.80   | cps   |
| Strontium  | 88-1  | 671948   | 675237   | 674023   | 673736   | 0.25   | cps   |
| Sulfur     | 34-1  | 421473   | 421473   | 419595   | 420847   | 0.26   | cps   |
| Terbium    | 159-1 | 14006803 | 13936729 | 14054663 | 13999398 | 0.42   | cps   |
| Terbium    | 159-2 | 8750185  | 8855309  | 8699723  | 8768406  | 0.91   | cps   |
| Thallium   | 203-1 | 417      | 375      | 275      | 356      | 20.48  | cps   |
| Thallium   | 205-1 | 992      | 758      | 817      | 856      | 14.19  | cps   |
| Tin        | 118-1 | 11698    | 2517     | 2875     | 5697     | 91.28  | cps   |
| Titanium   | 47-1  | 1192     | 1100     | 983      | 1092     | 9.57   | cps   |
| Uranium    | 238-1 | 592      | 733      | 583      | 636      | 13.25  | cps   |
| Vanadium   | 51-2  | 310      | 383      | 317      | 337      | 12.05  | cps   |
| Yttrium    | 89-1  | 11066119 | 11116082 | 11126147 | 11102782 | 0.29   | cps   |
| Yttrium    | 89-2  | 1959030  | 1948920  | 1949010  | 1952320  | 0.30   | cps   |
| Zinc       | 66-2  | 15512    | 16106    | 15912    | 15843    | 1.91   | cps   |
| Zirconium  | 90-1  | 1875     | 2084     | 2034     | 1997     | 5.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-26-FL1-SR-W1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:20:31  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 400  | 450  | 417     | 6.93   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-27 Instrumnet Name : P7  
 Client Sample ID : DC14598-27-FL1-CL113- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:23:57 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1450     | 1850     | 1375     | 1559     | 16.40  | cps   |
| Antimony   | 121-1 | 850      | 758      | 783      | 797      | 5.94   | cps   |
| Arsenic    | 75-2  | 217      | 198      | 222      | 212      | 5.94   | cps   |
| Barium     | 135-1 | 49255    | 48703    | 48678    | 48879    | 0.67   | cps   |
| Barium     | 137-1 | 86830    | 85438    | 85697    | 85988    | 0.86   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 17       | 20       | 31.48  | cps   |
| Bismuth    | 209-1 | 8918710  | 8867458  | 8949643  | 8911937  | 0.47   | cps   |
| Bismuth    | 209-2 | 6246611  | 6254312  | 6280755  | 6260559  | 0.29   | cps   |
| Boron      | 10-1  | 658      | 642      | 692      | 664      | 3.84   | cps   |
| Boron      | 11-1  | 3351     | 3859     | 3417     | 3542     | 7.80   | cps   |
| Cadmium    | 111-1 | 3406     | 3415     | 3254     | 3358     | 2.69   | cps   |
| Cadmium    | 106-1 | 4809     | 4801     | 4634     | 4748     | 2.08   | cps   |
| Cadmium    | 108-1 | 33       | 29       | 33       | 32       | 7.52   | cps   |
| Calcium    | 43-1  | 176811   | 176642   | 177529   | 176994   | 0.27   | cps   |
| Calcium    | 44-1  | 2896870  | 2883423  | 2903395  | 2894562  | 0.35   | cps   |
| Chromium   | 52-2  | 3847     | 3631     | 3447     | 3642     | 5.50   | cps   |
| Cobalt     | 59-2  | 280      | 240      | 313      | 278      | 13.22  | cps   |
| Copper     | 63-2  | 1264952  | 1272971  | 1256494  | 1264806  | 0.65   | cps   |
| Dysprosium | 156-1 | 75       | 83       | 83       | 81       | 5.98   | cps   |
| Dysprosium | 156-2 | 33       | 23       | 20       | 26       | 27.15  | cps   |
| Erbium     | 164-1 | 92       | 67       | 58       | 72       | 24.02  | cps   |
| Erbium     | 164-2 | 50       | 40       | 103      | 64       | 52.84  | cps   |
| Gadolinium | 160-1 | 292      | 167      | 175      | 211      | 33.10  | cps   |
| Gadolinium | 160-2 | 277      | 233      | 250      | 253      | 8.63   | cps   |
| Holmium    | 165-1 | 13549433 | 13561772 | 13533243 | 13548149 | 0.11   | cps   |
| Holmium    | 165-2 | 8679364  | 8724150  | 8764942  | 8722819  | 0.49   | cps   |
| Indium     | 115-1 | 11215201 | 11189661 | 11233496 | 11212786 | 0.20   | cps   |
| Indium     | 115-2 | 2671220  | 2658201  | 2676698  | 2668706  | 0.36   | cps   |
| Iron       | 56-2  | 147439   | 145791   | 152361   | 148530   | 2.30   | cps   |
| Iron       | 57-2  | 4351     | 4234     | 4140     | 4241     | 2.49   | cps   |
| Lead       | 206-1 | 3512     | 3662     | 4090     | 3754     | 7.99   | cps   |
| Lead       | 207-1 | 3123     | 3023     | 3145     | 3097     | 2.10   | cps   |
| Lead       | 208-1 | 14826    | 14859    | 15221    | 14969    | 1.46   | cps   |
| Lithium    | 6-1   | 383729   | 382042   | 391201   | 385657   | 1.26   | cps   |
| Magnesium  | 24-2  | 359694   | 363737   | 359272   | 360901   | 0.68   | cps   |
| Manganese  | 55-2  | 34825    | 34257    | 34340    | 34474    | 0.89   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-27-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:23:57   | DataFile Name :   | 050SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 467      | 775      | 625      | 622      | 24.78  | cps   |
| Molybdenum | 95-1  | 333      | 258      | 300      | 297      | 12.64  | cps   |
| Molybdenum | 96-1  | 458      | 458      | 483      | 467      | 3.09   | cps   |
| Molybdenum | 97-1  | 158      | 175      | 133      | 156      | 13.48  | cps   |
| Molybdenum | 98-1  | 517      | 567      | 417      | 500      | 15.28  | cps   |
| Neodymium  | 150-1 | 27       | 33       | 53       | 38       | 36.74  | cps   |
| Neodymium  | 150-2 | 27       | 47       | 17       | 30       | 50.91  | cps   |
| Nickel     | 60-2  | 324780   | 328429   | 329427   | 327545   | 0.75   | cps   |
| Phosphorus | 31-2  | 5993     | 6468     | 6377     | 6279     | 4.01   | cps   |
| Potassium  | 39-2  | 207154   | 212485   | 214097   | 211245   | 1.72   | cps   |
| Rhodium    | 103-1 | 10271222 | 10369848 | 10439799 | 10360290 | 0.82   | cps   |
| Rhodium    | 103-2 | 5944352  | 5949607  | 6019933  | 5971297  | 0.71   | cps   |
| Scandium   | 45-1  | 5591723  | 5499901  | 5493211  | 5528278  | 1.00   | cps   |
| Scandium   | 45-2  | 338717   | 340655   | 342716   | 340696   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 141      | 128      | 124      | 131      | 6.68   | cps   |
| Selenium   | 82-1  | 195      | 137      | 85       | 139      | 39.79  | cps   |
| Silicon    | 28-1  | 5666011  | 5790369  | 5832103  | 5762828  | 1.50   | cps   |
| Silver     | 109-1 | 92       | 150      | 83       | 108      | 33.53  | cps   |
| Silver     | 107-1 | 133      | 183      | 150      | 156      | 16.37  | cps   |
| Sodium     | 23-2  | 5819430  | 5887412  | 5820102  | 5842315  | 0.67   | cps   |
| Strontium  | 86-1  | 77518    | 79169    | 76856    | 77847    | 1.53   | cps   |
| Strontium  | 88-1  | 679232   | 671656   | 670861   | 673916   | 0.69   | cps   |
| Sulfur     | 34-1  | 425765   | 429248   | 429389   | 428134   | 0.48   | cps   |
| Terbium    | 159-1 | 13937592 | 14096871 | 14056054 | 14030172 | 0.59   | cps   |
| Terbium    | 159-2 | 8824494  | 8803887  | 8793140  | 8807174  | 0.18   | cps   |
| Thallium   | 203-1 | 342      | 408      | 367      | 372      | 9.05   | cps   |
| Thallium   | 205-1 | 908      | 792      | 967      | 889      | 10.03  | cps   |
| Tin        | 118-1 | 1442     | 1525     | 1275     | 1414     | 9.00   | cps   |
| Titanium   | 47-1  | 850      | 783      | 2682     | 1439     | 74.90  | cps   |
| Uranium    | 238-1 | 392      | 533      | 400      | 442      | 18.00  | cps   |
| Vanadium   | 51-2  | 217      | 260      | 327      | 268      | 20.69  | cps   |
| Yttrium    | 89-1  | 11026981 | 11066927 | 11122463 | 11072124 | 0.43   | cps   |
| Yttrium    | 89-2  | 1948853  | 1941017  | 1956488  | 1948786  | 0.40   | cps   |
| Zinc       | 66-2  | 207428   | 209057   | 208780   | 208422   | 0.42   | cps   |
| Zirconium  | 90-1  | 1317     | 1425     | 1392     | 1378     | 4.03   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-27              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-27-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:23:57   | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 275  | 400  | 325     | 20.35  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-28 Instrumnet Name : P7  
 Client Sample ID : DC14598-28-FL1-CL113- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:27:21 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1325     | 1934     | 1500     | 1586     | 19.75  | cps   |
| Antimony   | 121-1 | 808      | 875      | 800      | 828      | 4.97   | cps   |
| Arsenic    | 75-2  | 185      | 204      | 189      | 193      | 5.09   | cps   |
| Barium     | 135-1 | 49673    | 50008    | 49757    | 49813    | 0.35   | cps   |
| Barium     | 137-1 | 88868    | 86192    | 85396    | 86819    | 2.09   | cps   |
| Beryllium  | 9-1   | 33       | 6        | 28       | 22       | 66.13  | cps   |
| Bismuth    | 209-1 | 9018914  | 8988992  | 8964597  | 8990834  | 0.30   | cps   |
| Bismuth    | 209-2 | 6323917  | 6242659  | 6210227  | 6258934  | 0.94   | cps   |
| Boron      | 10-1  | 583      | 558      | 683      | 608      | 10.87  | cps   |
| Boron      | 11-1  | 3451     | 3234     | 3459     | 3381     | 3.77   | cps   |
| Cadmium    | 111-1 | 3628     | 3329     | 3254     | 3404     | 5.82   | cps   |
| Cadmium    | 106-1 | 5151     | 4693     | 4626     | 4823     | 5.93   | cps   |
| Cadmium    | 108-1 | 33       | 21       | 25       | 26       | 24.12  | cps   |
| Calcium    | 43-1  | 176044   | 177631   | 174063   | 175913   | 1.02   | cps   |
| Calcium    | 44-1  | 2864051  | 2893747  | 2886908  | 2881569  | 0.54   | cps   |
| Chromium   | 52-2  | 3661     | 3594     | 3550     | 3602     | 1.54   | cps   |
| Cobalt     | 59-2  | 187      | 250      | 183      | 207      | 18.18  | cps   |
| Copper     | 63-2  | 1286785  | 1283358  | 1264182  | 1278108  | 0.95   | cps   |
| Dysprosium | 156-1 | 125      | 17       | 83       | 75       | 72.86  | cps   |
| Dysprosium | 156-2 | 47       | 27       | 30       | 34       | 31.11  | cps   |
| Erbium     | 164-1 | 67       | 75       | 125      | 89       | 35.50  | cps   |
| Erbium     | 164-2 | 33       | 53       | 83       | 57       | 44.42  | cps   |
| Gadolinium | 160-1 | 200      | 233      | 233      | 222      | 8.66   | cps   |
| Gadolinium | 160-2 | 187      | 217      | 220      | 208      | 8.84   | cps   |
| Holmium    | 165-1 | 13579367 | 13673567 | 13691083 | 13648006 | 0.44   | cps   |
| Holmium    | 165-2 | 8760135  | 8708220  | 8730529  | 8732961  | 0.30   | cps   |
| Indium     | 115-1 | 11315365 | 11391290 | 11303338 | 11336664 | 0.42   | cps   |
| Indium     | 115-2 | 2678152  | 2677045  | 2627759  | 2660985  | 1.08   | cps   |
| Iron       | 56-2  | 147398   | 144156   | 142311   | 144622   | 1.78   | cps   |
| Iron       | 57-2  | 4417     | 4195     | 4395     | 4336     | 2.82   | cps   |
| Lead       | 206-1 | 2723     | 2978     | 2845     | 2849     | 4.49   | cps   |
| Lead       | 207-1 | 2373     | 2473     | 2556     | 2467     | 3.72   | cps   |
| Lead       | 208-1 | 11197    | 11241    | 11152    | 11197    | 0.40   | cps   |
| Lithium    | 6-1   | 383557   | 382702   | 384973   | 383744   | 0.30   | cps   |
| Magnesium  | 24-2  | 359225   | 359380   | 350329   | 356311   | 1.45   | cps   |
| Manganese  | 55-2  | 34604    | 35707    | 34915    | 35075    | 1.62   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-28-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:27:21   | DataFile Name :   | 051SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 617      | 667      | 653      | 4.83   | cps   |
| Molybdenum | 95-1  | 433      | 267      | 358      | 353      | 23.66  | cps   |
| Molybdenum | 96-1  | 392      | 442      | 408      | 414      | 6.15   | cps   |
| Molybdenum | 97-1  | 225      | 242      | 108      | 192      | 37.90  | cps   |
| Molybdenum | 98-1  | 500      | 542      | 417      | 486      | 13.09  | cps   |
| Neodymium  | 150-1 | 27       | 47       | 67       | 47       | 42.85  | cps   |
| Neodymium  | 150-2 | 13       | 3        | 23       | 13       | 75.02  | cps   |
| Nickel     | 60-2  | 1867     | 2050     | 1743     | 1887     | 8.18   | cps   |
| Phosphorus | 31-2  | 6360     | 5826     | 6102     | 6096     | 4.38   | cps   |
| Potassium  | 39-2  | 209437   | 211902   | 208535   | 209958   | 0.83   | cps   |
| Rhodium    | 103-1 | 10349690 | 10439131 | 10465464 | 10418095 | 0.58   | cps   |
| Rhodium    | 103-2 | 6005429  | 6007311  | 5923896  | 5978879  | 0.80   | cps   |
| Scandium   | 45-1  | 5555546  | 5622428  | 5570239  | 5582738  | 0.63   | cps   |
| Scandium   | 45-2  | 342350   | 337492   | 335296   | 338379   | 1.07   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 131      | 131      | 120      | 128      | 5.02   | cps   |
| Selenium   | 82-1  | 142      | 222      | 228      | 197      | 24.19  | cps   |
| Silicon    | 28-1  | 5678477  | 5706767  | 5681078  | 5688774  | 0.27   | cps   |
| Silver     | 109-1 | 75       | 142      | 100      | 106      | 31.91  | cps   |
| Silver     | 107-1 | 175      | 192      | 167      | 178      | 7.16   | cps   |
| Sodium     | 23-2  | 5835459  | 5828197  | 5785054  | 5816237  | 0.47   | cps   |
| Strontium  | 86-1  | 76412    | 78951    | 76363    | 77242    | 1.92   | cps   |
| Strontium  | 88-1  | 671704   | 683403   | 674393   | 676500   | 0.91   | cps   |
| Sulfur     | 34-1  | 425333   | 423590   | 427465   | 425463   | 0.46   | cps   |
| Terbium    | 159-1 | 14229294 | 14205454 | 13997384 | 14144044 | 0.90   | cps   |
| Terbium    | 159-2 | 8852394  | 8849684  | 8710631  | 8804236  | 0.92   | cps   |
| Thallium   | 203-1 | 342      | 367      | 317      | 342      | 7.32   | cps   |
| Thallium   | 205-1 | 842      | 867      | 1025     | 911      | 10.91  | cps   |
| Tin        | 118-1 | 1142     | 1350     | 1425     | 1306     | 11.24  | cps   |
| Titanium   | 47-1  | 850      | 942      | 933      | 908      | 5.58   | cps   |
| Uranium    | 238-1 | 375      | 483      | 425      | 428      | 12.67  | cps   |
| Vanadium   | 51-2  | 277      | 267      | 230      | 258      | 9.53   | cps   |
| Yttrium    | 89-1  | 11125308 | 11132372 | 11053502 | 11103727 | 0.39   | cps   |
| Yttrium    | 89-2  | 1958415  | 1964559  | 1926748  | 1949907  | 1.04   | cps   |
| Zinc       | 66-2  | 17865    | 18796    | 17985    | 18215    | 2.78   | cps   |
| Zirconium  | 90-1  | 1358     | 1300     | 1467     | 1375     | 6.15   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-28              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-28-FL1-CL113- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:27:21   | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 375  | 333  | 292  | 333     | 12.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 200      | 208      | 186      | 16.95  | cps   |
| Antimony   | 121-1 | 150      | 167      | 217      | 178      | 19.52  | cps   |
| Arsenic    | 75-2  | 20       | 19       | 13       | 17       | 22.31  | cps   |
| Barium     | 135-1 | 33       | 75       | 58       | 56       | 37.75  | cps   |
| Barium     | 137-1 | 67       | 83       | 92       | 81       | 15.80  | cps   |
| Beryllium  | 9-1   | 28       | 6        | 44       | 26       | 75.24  | cps   |
| Bismuth    | 209-1 | 8824879  | 8693269  | 8896797  | 8804982  | 1.17   | cps   |
| Bismuth    | 209-2 | 6244424  | 6215919  | 6230017  | 6230120  | 0.23   | cps   |
| Boron      | 10-1  | 92       | 92       | 125      | 103      | 18.73  | cps   |
| Boron      | 11-1  | 767      | 642      | 600      | 669      | 12.96  | cps   |
| Cadmium    | 111-1 | 3007     | 3675     | 3238     | 3307     | 10.26  | cps   |
| Cadmium    | 106-1 | 4318     | 5235     | 4626     | 4726     | 9.87   | cps   |
| Cadmium    | 108-1 | 33       | 8        | 13       | 18       | 74.19  | cps   |
| Calcium    | 43-1  | 1617     | 1383     | 1433     | 1478     | 8.31   | cps   |
| Calcium    | 44-1  | 49434    | 49944    | 50387    | 49922    | 0.96   | cps   |
| Chromium   | 52-2  | 2390     | 2384     | 2354     | 2376     | 0.82   | cps   |
| Cobalt     | 59-2  | 93       | 130      | 80       | 101      | 25.61  | cps   |
| Copper     | 63-2  | 1924     | 1807     | 1723     | 1818     | 5.53   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 25       | 42       | 44       | 47.19  | cps   |
| Erbium     | 164-2 | 20       | 17       | 20       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 142      | 125      | 167      | 144      | 14.52  | cps   |
| Gadolinium | 160-2 | 163      | 153      | 130      | 149      | 11.49  | cps   |
| Holmium    | 165-1 | 13427057 | 13207281 | 13390290 | 13341543 | 0.88   | cps   |
| Holmium    | 165-2 | 8679393  | 8633460  | 8707032  | 8673295  | 0.43   | cps   |
| Indium     | 115-1 | 11212280 | 11192716 | 11039239 | 11148078 | 0.85   | cps   |
| Indium     | 115-2 | 2651518  | 2628869  | 2648942  | 2643109  | 0.47   | cps   |
| Iron       | 56-2  | 7641     | 7808     | 7852     | 7767     | 1.43   | cps   |
| Iron       | 57-2  | 272      | 322      | 372      | 322      | 15.52  | cps   |
| Lead       | 206-1 | 5616235  | 5581654  | 5602004  | 5599964  | 0.31   | cps   |
| Lead       | 207-1 | 5091460  | 5032266  | 5084834  | 5069520  | 0.64   | cps   |
| Lead       | 208-1 | 23932563 | 23806276 | 24009984 | 23916274 | 0.43   | cps   |
| Lithium    | 6-1   | 375881   | 367603   | 378267   | 373917   | 1.50   | cps   |
| Magnesium  | 24-2  | 250      | 192      | 192      | 211      | 15.95  | cps   |
| Manganese  | 55-2  | 100      | 133      | 120      | 118      | 14.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 308      | 258      | 267      | 278      | 9.64   | cps   |
| Molybdenum | 95-1  | 108      | 67       | 133      | 103      | 32.77  | cps   |
| Molybdenum | 96-1  | 75       | 92       | 125      | 97       | 26.19  | cps   |
| Molybdenum | 97-1  | 17       | 67       | 58       | 47       | 56.72  | cps   |
| Molybdenum | 98-1  | 150      | 100      | 100      | 117      | 24.74  | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 127      | 107      | 93       | 109      | 15.41  | cps   |
| Phosphorus | 31-2  | 275      | 367      | 392      | 344      | 17.83  | cps   |
| Potassium  | 39-2  | 53196    | 53807    | 52535    | 53180    | 1.20   | cps   |
| Rhodium    | 103-1 | 10265046 | 10237521 | 10276457 | 10259675 | 0.20   | cps   |
| Rhodium    | 103-2 | 6035597  | 5991596  | 5928785  | 5985326  | 0.90   | cps   |
| Scandium   | 45-1  | 5435357  | 5364565  | 5435642  | 5411855  | 0.76   | cps   |
| Scandium   | 45-2  | 337220   | 331674   | 334593   | 334496   | 0.83   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 154      | 144      | 120      | 140      | 12.34  | cps   |
| Selenium   | 82-1  | 147      | 234      | 90       | 157      | 45.91  | cps   |
| Silicon    | 28-1  | 227436   | 231405   | 234368   | 231070   | 1.51   | cps   |
| Silver     | 109-1 | 67       | 133      | 83       | 94       | 36.73  | cps   |
| Silver     | 107-1 | 200      | 208      | 133      | 181      | 22.77  | cps   |
| Sodium     | 23-2  | 30507    | 30139    | 30382    | 30343    | 0.62   | cps   |
| Strontium  | 86-1  | 975      | 983      | 1042     | 1000     | 3.63   | cps   |
| Strontium  | 88-1  | 1042     | 925      | 875      | 947      | 9.03   | cps   |
| Sulfur     | 34-1  | 358393   | 361658   | 352674   | 357575   | 1.27   | cps   |
| Terbium    | 159-1 | 13893679 | 13801806 | 13826835 | 13840773 | 0.34   | cps   |
| Terbium    | 159-2 | 8682039  | 8621245  | 8719410  | 8674231  | 0.57   | cps   |
| Thallium   | 203-1 | 250      | 275      | 292      | 272      | 7.70   | cps   |
| Thallium   | 205-1 | 733      | 617      | 508      | 619      | 18.17  | cps   |
| Tin        | 118-1 | 925      | 1000     | 1017     | 981      | 4.98   | cps   |
| Titanium   | 47-1  | 192      | 192      | 242      | 208      | 13.86  | cps   |
| Uranium    | 238-1 | 108      | 133      | 75       | 106      | 27.72  | cps   |
| Vanadium   | 51-2  | 70       | 30       | 57       | 52       | 39.00  | cps   |
| Yttrium    | 89-1  | 10974329 | 10934752 | 10998015 | 10969032 | 0.29   | cps   |
| Yttrium    | 89-2  | 1940889  | 1921370  | 1917341  | 1926534  | 0.65   | cps   |
| Zinc       | 66-2  | 633      | 427      | 553      | 538      | 19.38  | cps   |
| Zirconium  | 90-1  | 625      | 800      | 625      | 683      | 14.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:30:45 | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 75   | 158  | 114     | 36.83  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 117      | 117      | 100      | 111      | 8.66   | cps   |
| Antimony   | 121-1 | 108      | 158      | 150      | 139      | 19.29  | cps   |
| Arsenic    | 75-2  | 6        | 11       | 13       | 10       | 38.99  | cps   |
| Barium     | 135-1 | 50       | 25       | 33       | 36       | 35.25  | cps   |
| Barium     | 137-1 | 92       | 58       | 83       | 78       | 22.30  | cps   |
| Beryllium  | 9-1   | 28       | 11       | 6        | 15       | 78.05  | cps   |
| Bismuth    | 209-1 | 8822083  | 8819856  | 8881425  | 8841121  | 0.39   | cps   |
| Bismuth    | 209-2 | 6263014  | 6247208  | 6209146  | 6239789  | 0.44   | cps   |
| Boron      | 10-1  | 58       | 92       | 108      | 86       | 29.56  | cps   |
| Boron      | 11-1  | 625      | 550      | 483      | 553      | 12.82  | cps   |
| Cadmium    | 111-1 | 3349     | 3044     | 3326     | 3239     | 5.24   | cps   |
| Cadmium    | 106-1 | 4784     | 4351     | 4776     | 4637     | 5.35   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 25       | 15       | 56.79  | cps   |
| Calcium    | 43-1  | 1117     | 1183     | 1092     | 1131     | 4.19   | cps   |
| Calcium    | 44-1  | 41794    | 42981    | 41819    | 42198    | 1.61   | cps   |
| Chromium   | 52-2  | 2267     | 2274     | 2304     | 2281     | 0.86   | cps   |
| Cobalt     | 59-2  | 77       | 70       | 83       | 77       | 8.70   | cps   |
| Copper     | 63-2  | 1730     | 1743     | 1823     | 1766     | 2.86   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Erbium     | 164-1 | 50       | 33       | 58       | 47       | 26.95  | cps   |
| Erbium     | 164-2 | 23       | 17       | 17       | 19       | 20.36  | cps   |
| Gadolinium | 160-1 | 133      | 183      | 133      | 150      | 19.24  | cps   |
| Gadolinium | 160-2 | 163      | 203      | 170      | 179      | 11.98  | cps   |
| Holmium    | 165-1 | 13516756 | 13543206 | 13573037 | 13544333 | 0.21   | cps   |
| Holmium    | 165-2 | 8721703  | 8682202  | 8611769  | 8671891  | 0.64   | cps   |
| Indium     | 115-1 | 11105974 | 11256350 | 11323046 | 11228457 | 0.99   | cps   |
| Indium     | 115-2 | 2651766  | 2644813  | 2644985  | 2647188  | 0.15   | cps   |
| Iron       | 56-2  | 7057     | 7613     | 7335     | 7335     | 3.79   | cps   |
| Iron       | 57-2  | 389      | 356      | 344      | 363      | 6.37   | cps   |
| Lead       | 206-1 | 1495     | 1467     | 1317     | 1426     | 6.71   | cps   |
| Lead       | 207-1 | 1372     | 1233     | 1356     | 1320     | 5.74   | cps   |
| Lead       | 208-1 | 6162     | 6095     | 5884     | 6047     | 2.40   | cps   |
| Lithium    | 6-1   | 373475   | 370992   | 377333   | 373933   | 0.85   | cps   |
| Magnesium  | 24-2  | 233      | 292      | 192      | 239      | 21.03  | cps   |
| Manganese  | 55-2  | 93       | 90       | 93       | 92       | 2.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 208      | 308      | 200      | 239      | 25.24  | cps   |
| Molybdenum | 95-1  | 125      | 42       | 50       | 72       | 63.55  | cps   |
| Molybdenum | 96-1  | 150      | 192      | 42       | 128      | 60.60  | cps   |
| Molybdenum | 97-1  | 33       | 33       | 50       | 39       | 24.75  | cps   |
| Molybdenum | 98-1  | 50       | 100      | 75       | 75       | 33.34  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 107      | 113      | 103      | 108      | 4.72   | cps   |
| Phosphorus | 31-2  | 292      | 358      | 358      | 336      | 11.45  | cps   |
| Potassium  | 39-2  | 51240    | 53665    | 52745    | 52550    | 2.33   | cps   |
| Rhodium    | 103-1 | 10310701 | 10349983 | 10367183 | 10342622 | 0.28   | cps   |
| Rhodium    | 103-2 | 6026608  | 6007047  | 5954988  | 5996214  | 0.62   | cps   |
| Scandium   | 45-1  | 5428444  | 5480340  | 5462374  | 5457053  | 0.48   | cps   |
| Scandium   | 45-2  | 339294   | 335988   | 336408   | 337230   | 0.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 133      | 115      | 98       | 115      | 15.25  | cps   |
| Selenium   | 82-1  | 169      | 127      | 275      | 190      | 40.00  | cps   |
| Silicon    | 28-1  | 203126   | 200437   | 199479   | 201014   | 0.94   | cps   |
| Silver     | 109-1 | 125      | 100      | 67       | 97       | 30.10  | cps   |
| Silver     | 107-1 | 150      | 133      | 158      | 147      | 8.65   | cps   |
| Sodium     | 23-2  | 30457    | 29496    | 29480    | 29811    | 1.88   | cps   |
| Strontium  | 86-1  | 883      | 1083     | 1000     | 989      | 10.16  | cps   |
| Strontium  | 88-1  | 417      | 517      | 500      | 478      | 11.21  | cps   |
| Sulfur     | 34-1  | 360889   | 359170   | 363298   | 361119   | 0.57   | cps   |
| Terbium    | 159-1 | 13748193 | 14032068 | 13895754 | 13892005 | 1.02   | cps   |
| Terbium    | 159-2 | 8771174  | 8682684  | 8654775  | 8702878  | 0.70   | cps   |
| Thallium   | 203-1 | 217      | 192      | 217      | 208      | 6.93   | cps   |
| Thallium   | 205-1 | 433      | 492      | 400      | 442      | 10.51  | cps   |
| Tin        | 118-1 | 942      | 1183     | 983      | 1036     | 12.47  | cps   |
| Titanium   | 47-1  | 200      | 142      | 175      | 172      | 16.99  | cps   |
| Uranium    | 238-1 | 58       | 42       | 108      | 69       | 49.96  | cps   |
| Vanadium   | 51-2  | 23       | 20       | 37       | 27       | 33.08  | cps   |
| Yttrium    | 89-1  | 11088197 | 11050432 | 10921112 | 11019913 | 0.80   | cps   |
| Yttrium    | 89-2  | 1950395  | 1935467  | 1936028  | 1940630  | 0.44   | cps   |
| Zinc       | 66-2  | 230      | 243      | 253      | 242      | 4.83   | cps   |
| Zirconium  | 90-1  | 667      | 608      | 808      | 694      | 14.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB02               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB02               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:34:10 | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 150  | 175  | 153     | 13.73  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-29 Instrumnet Name : P7  
 Client Sample ID : DC14598-29-FL1-BRCL1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:37:35 DataFile Name : 054SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2184     | 2159     | 1992     | 2111     | 4.94   | cps   |
| Antimony   | 121-1 | 1892     | 1767     | 1775     | 1811     | 3.86   | cps   |
| Arsenic    | 75-2  | 207      | 156      | 169      | 177      | 15.23  | cps   |
| Barium     | 135-1 | 52626    | 50835    | 50024    | 51162    | 2.60   | cps   |
| Barium     | 137-1 | 88976    | 90872    | 88985    | 89611    | 1.22   | cps   |
| Beryllium  | 9-1   | 67       | 17       | 28       | 37       | 70.88  | cps   |
| Bismuth    | 209-1 | 8756006  | 8901006  | 8811972  | 8822995  | 0.83   | cps   |
| Bismuth    | 209-2 | 6193197  | 6246975  | 6268209  | 6236127  | 0.62   | cps   |
| Boron      | 10-1  | 825      | 608      | 867      | 767      | 18.09  | cps   |
| Boron      | 11-1  | 3501     | 3476     | 3092     | 3356     | 6.82   | cps   |
| Cadmium    | 111-1 | 3114     | 2989     | 3297     | 3133     | 4.94   | cps   |
| Cadmium    | 106-1 | 4426     | 4234     | 4726     | 4462     | 5.56   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 46       | 38       | 22.21  | cps   |
| Calcium    | 43-1  | 176989   | 173121   | 176602   | 175570   | 1.21   | cps   |
| Calcium    | 44-1  | 2890200  | 2847029  | 2879865  | 2872365  | 0.78   | cps   |
| Chromium   | 52-2  | 3747     | 3921     | 3664     | 3777     | 3.47   | cps   |
| Cobalt     | 59-2  | 783      | 743      | 720      | 749      | 4.28   | cps   |
| Copper     | 63-2  | 1290691  | 1290904  | 1287170  | 1289588  | 0.16   | cps   |
| Dysprosium | 156-1 | 58       | 92       | 42       | 64       | 39.85  | cps   |
| Dysprosium | 156-2 | 47       | 63       | 50       | 53       | 16.53  | cps   |
| Erbium     | 164-1 | 100      | 100      | 75       | 92       | 15.75  | cps   |
| Erbium     | 164-2 | 93       | 43       | 93       | 77       | 37.66  | cps   |
| Gadolinium | 160-1 | 333      | 267      | 233      | 278      | 18.33  | cps   |
| Gadolinium | 160-2 | 180      | 183      | 177      | 180      | 1.85   | cps   |
| Holmium    | 165-1 | 13540498 | 13543995 | 13557670 | 13547388 | 0.07   | cps   |
| Holmium    | 165-2 | 8677009  | 8703185  | 8700941  | 8693712  | 0.17   | cps   |
| Indium     | 115-1 | 11176950 | 11202026 | 11144047 | 11174341 | 0.26   | cps   |
| Indium     | 115-2 | 2656181  | 2643419  | 2670474  | 2656691  | 0.51   | cps   |
| Iron       | 56-2  | 146703   | 142682   | 143337   | 144240   | 1.50   | cps   |
| Iron       | 57-2  | 4195     | 4262     | 4301     | 4253     | 1.26   | cps   |
| Lead       | 206-1 | 13641    | 12968    | 13285    | 13298    | 2.53   | cps   |
| Lead       | 207-1 | 11400    | 11227    | 10888    | 11172    | 2.33   | cps   |
| Lead       | 208-1 | 52892    | 52331    | 52081    | 52435    | 0.79   | cps   |
| Lithium    | 6-1   | 370583   | 375962   | 377889   | 374811   | 1.01   | cps   |
| Magnesium  | 24-2  | 389653   | 388193   | 397689   | 391845   | 1.30   | cps   |
| Manganese  | 55-2  | 52025    | 52587    | 52982    | 52531    | 0.92   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-29-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:37:35  | DataFile Name :   | 054SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 767      | 625      | 883      | 758      | 17.06  | cps   |
| Molybdenum | 95-1  | 300      | 292      | 342      | 311      | 8.61   | cps   |
| Molybdenum | 96-1  | 558      | 458      | 475      | 497      | 10.78  | cps   |
| Molybdenum | 97-1  | 225      | 225      | 175      | 208      | 13.86  | cps   |
| Molybdenum | 98-1  | 483      | 417      | 483      | 461      | 8.35   | cps   |
| Neodymium  | 150-1 | 27       | 93       | 47       | 56       | 61.58  | cps   |
| Neodymium  | 150-2 | 27       | 7        | 43       | 26       | 71.82  | cps   |
| Nickel     | 60-2  | 15458    | 15295    | 15542    | 15432    | 0.81   | cps   |
| Phosphorus | 31-2  | 5726     | 5435     | 5635     | 5598     | 2.67   | cps   |
| Potassium  | 39-2  | 210421   | 207042   | 209078   | 208847   | 0.81   | cps   |
| Rhodium    | 103-1 | 10329250 | 10320942 | 10178416 | 10276203 | 0.83   | cps   |
| Rhodium    | 103-2 | 6003399  | 6000313  | 5997880  | 6000531  | 0.05   | cps   |
| Scandium   | 45-1  | 5550707  | 5393073  | 5470533  | 5471438  | 1.44   | cps   |
| Scandium   | 45-2  | 339050   | 338033   | 338228   | 338437   | 0.16   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 130      | 115      | 119      | 7.67   | cps   |
| Selenium   | 82-1  | 232      | 319      | 165      | 239      | 32.36  | cps   |
| Silicon    | 28-1  | 5782377  | 5720709  | 5824486  | 5775857  | 0.90   | cps   |
| Silver     | 109-1 | 175      | 142      | 183      | 167      | 13.23  | cps   |
| Silver     | 107-1 | 183      | 242      | 208      | 211      | 13.86  | cps   |
| Sodium     | 23-2  | 5756168  | 5818176  | 5854278  | 5809541  | 0.85   | cps   |
| Strontium  | 86-1  | 78189    | 77987    | 76730    | 77635    | 1.02   | cps   |
| Strontium  | 88-1  | 674761   | 678983   | 682869   | 678871   | 0.60   | cps   |
| Sulfur     | 34-1  | 420471   | 418977   | 419444   | 419631   | 0.18   | cps   |
| Terbium    | 159-1 | 14068243 | 14043349 | 14029119 | 14046904 | 0.14   | cps   |
| Terbium    | 159-2 | 8755023  | 8938593  | 8780110  | 8824575  | 1.13   | cps   |
| Thallium   | 203-1 | 250      | 375      | 358      | 328      | 20.71  | cps   |
| Thallium   | 205-1 | 875      | 700      | 825      | 800      | 11.27  | cps   |
| Tin        | 118-1 | 5134     | 5176     | 5711     | 5340     | 6.02   | cps   |
| Titanium   | 47-1  | 1234     | 1100     | 1117     | 1150     | 6.34   | cps   |
| Uranium    | 238-1 | 600      | 550      | 375      | 508      | 23.24  | cps   |
| Vanadium   | 51-2  | 240      | 260      | 317      | 272      | 14.61  | cps   |
| Yttrium    | 89-1  | 10982474 | 11010154 | 11168188 | 11053606 | 0.91   | cps   |
| Yttrium    | 89-2  | 1945701  | 1939468  | 1952119  | 1945763  | 0.33   | cps   |
| Zinc       | 66-2  | 171929   | 172842   | 172800   | 172524   | 0.30   | cps   |
| Zirconium  | 90-1  | 1600     | 1559     | 1725     | 1628     | 5.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-29-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:37:35  | DataFile Name :   | 054SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 375  | 358  | 375     | 4.45   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1659     | 1400     | 1442     | 1500     | 9.25   | cps   |
| Antimony   | 121-1 | 725      | 833      | 575      | 711      | 18.24  | cps   |
| Arsenic    | 75-2  | 202      | 176      | 193      | 190      | 6.91   | cps   |
| Barium     | 135-1 | 50551    | 50936    | 49464    | 50317    | 1.52   | cps   |
| Barium     | 137-1 | 85672    | 86695    | 86527    | 86298    | 0.64   | cps   |
| Beryllium  | 9-1   | 11       | 33       | 17       | 20       | 56.76  | cps   |
| Bismuth    | 209-1 | 8982701  | 8964196  | 8862353  | 8936417  | 0.73   | cps   |
| Bismuth    | 209-2 | 6291162  | 6265550  | 6230833  | 6262515  | 0.48   | cps   |
| Boron      | 10-1  | 558      | 533      | 683      | 592      | 13.58  | cps   |
| Boron      | 11-1  | 2950     | 3017     | 3184     | 3050     | 3.94   | cps   |
| Cadmium    | 111-1 | 3386     | 3283     | 3066     | 3245     | 5.04   | cps   |
| Cadmium    | 106-1 | 4834     | 4684     | 4334     | 4618     | 5.56   | cps   |
| Cadmium    | 108-1 | 21       | 42       | 8        | 24       | 71.34  | cps   |
| Calcium    | 43-1  | 173668   | 173171   | 176433   | 174424   | 1.01   | cps   |
| Calcium    | 44-1  | 2860341  | 2847239  | 2861326  | 2856302  | 0.28   | cps   |
| Chromium   | 52-2  | 3807     | 3824     | 3924     | 3852     | 1.64   | cps   |
| Cobalt     | 59-2  | 247      | 263      | 220      | 243      | 8.98   | cps   |
| Copper     | 63-2  | 1180159  | 1165936  | 1168743  | 1171613  | 0.64   | cps   |
| Dysprosium | 156-1 | 50       | 83       | 108      | 81       | 36.33  | cps   |
| Dysprosium | 156-2 | 53       | 33       | 57       | 48       | 26.42  | cps   |
| Erbium     | 164-1 | 83       | 67       | 100      | 83       | 20.00  | cps   |
| Erbium     | 164-2 | 23       | 57       | 50       | 43       | 40.71  | cps   |
| Gadolinium | 160-1 | 250      | 208      | 292      | 250      | 16.67  | cps   |
| Gadolinium | 160-2 | 247      | 253      | 217      | 239      | 8.18   | cps   |
| Holmium    | 165-1 | 13648364 | 13592163 | 13574511 | 13605013 | 0.28   | cps   |
| Holmium    | 165-2 | 8906688  | 8858853  | 8768295  | 8844612  | 0.79   | cps   |
| Indium     | 115-1 | 11227538 | 11342469 | 11365154 | 11311720 | 0.65   | cps   |
| Indium     | 115-2 | 2680111  | 2669307  | 2656829  | 2668749  | 0.44   | cps   |
| Iron       | 56-2  | 165206   | 169423   | 167446   | 167358   | 1.26   | cps   |
| Iron       | 57-2  | 5057     | 5135     | 4907     | 5033     | 2.30   | cps   |
| Lead       | 206-1 | 2795     | 3089     | 2745     | 2876     | 6.47   | cps   |
| Lead       | 207-1 | 2673     | 2756     | 2478     | 2636     | 5.41   | cps   |
| Lead       | 208-1 | 11764    | 12119    | 11691    | 11858    | 1.93   | cps   |
| Lithium    | 6-1   | 380186   | 373936   | 374473   | 376198   | 0.92   | cps   |
| Magnesium  | 24-2  | 356285   | 360208   | 357435   | 357976   | 0.56   | cps   |
| Manganese  | 55-2  | 41017    | 40145    | 41826    | 40996    | 2.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 808      | 667      | 683      | 719      | 10.76  | cps   |
| Molybdenum | 95-1  | 300      | 283      | 267      | 283      | 5.88   | cps   |
| Molybdenum | 96-1  | 542      | 375      | 592      | 503      | 22.56  | cps   |
| Molybdenum | 97-1  | 200      | 258      | 192      | 217      | 16.77  | cps   |
| Molybdenum | 98-1  | 550      | 442      | 475      | 489      | 11.35  | cps   |
| Neodymium  | 150-1 | 27       | 100      | 27       | 51       | 82.84  | cps   |
| Neodymium  | 150-2 | 17       | 40       | 23       | 27       | 45.07  | cps   |
| Nickel     | 60-2  | 1290     | 1210     | 1200     | 1233     | 4.00   | cps   |
| Phosphorus | 31-2  | 6385     | 5910     | 6352     | 6215     | 4.27   | cps   |
| Potassium  | 39-2  | 210978   | 208498   | 210641   | 210039   | 0.64   | cps   |
| Rhodium    | 103-1 | 10408628 | 10372439 | 10335970 | 10372345 | 0.35   | cps   |
| Rhodium    | 103-2 | 6054245  | 6041704  | 6032212  | 6042721  | 0.18   | cps   |
| Scandium   | 45-1  | 5503593  | 5508755  | 5529542  | 5513963  | 0.25   | cps   |
| Scandium   | 45-2  | 341352   | 342110   | 340792   | 341418   | 0.19   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 146      | 133      | 137      | 139      | 4.81   | cps   |
| Selenium   | 82-1  | 85       | 155      | 182      | 141      | 35.81  | cps   |
| Silicon    | 28-1  | 5732992  | 5614651  | 5703000  | 5683548  | 1.08   | cps   |
| Silver     | 109-1 | 92       | 175      | 133      | 133      | 31.25  | cps   |
| Silver     | 107-1 | 225      | 150      | 208      | 194      | 20.25  | cps   |
| Sodium     | 23-2  | 5787892  | 5863511  | 5807433  | 5819612  | 0.67   | cps   |
| Strontium  | 86-1  | 78022    | 78950    | 79043    | 78672    | 0.72   | cps   |
| Strontium  | 88-1  | 677476   | 678822   | 675612   | 677303   | 0.24   | cps   |
| Sulfur     | 34-1  | 417968   | 422355   | 420862   | 420395   | 0.53   | cps   |
| Terbium    | 159-1 | 14088282 | 14191605 | 14018779 | 14099555 | 0.62   | cps   |
| Terbium    | 159-2 | 8853573  | 8917848  | 8809495  | 8860305  | 0.61   | cps   |
| Thallium   | 203-1 | 383      | 325      | 342      | 350      | 8.58   | cps   |
| Thallium   | 205-1 | 917      | 692      | 867      | 825      | 14.32  | cps   |
| Tin        | 118-1 | 1734     | 1492     | 5077     | 2767     | 72.40  | cps   |
| Titanium   | 47-1  | 1192     | 975      | 925      | 1031     | 13.75  | cps   |
| Uranium    | 238-1 | 425      | 383      | 525      | 444      | 16.38  | cps   |
| Vanadium   | 51-2  | 267      | 200      | 233      | 233      | 14.29  | cps   |
| Yttrium    | 89-1  | 11156652 | 11007251 | 11028316 | 11064073 | 0.73   | cps   |
| Yttrium    | 89-2  | 1971183  | 1973286  | 1952469  | 1965646  | 0.58   | cps   |
| Zinc       | 66-2  | 15832    | 16259    | 16216    | 16102    | 1.46   | cps   |
| Zirconium  | 90-1  | 1267     | 1350     | 1308     | 1308     | 3.18   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-30-FL1-BRCL1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:41:00  | DataFile Name :   | 055SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 342  | 267  | 283  | 297     | 13.25  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-31 Instrumnet Name : P7  
 Client Sample ID : DC14598-31-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:44:24 DataFile Name : 056SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1925     | 2326     | 2634     | 2295     | 15.49  | cps   |
| Antimony   | 121-1 | 1100     | 1050     | 1175     | 1108     | 5.68   | cps   |
| Arsenic    | 75-2  | 191      | 226      | 178      | 198      | 12.57  | cps   |
| Barium     | 135-1 | 52727    | 52332    | 51429    | 52163    | 1.27   | cps   |
| Barium     | 137-1 | 90100    | 90762    | 89933    | 90265    | 0.49   | cps   |
| Beryllium  | 9-1   | 6        | 22       | 17       | 15       | 57.25  | cps   |
| Bismuth    | 209-1 | 8809281  | 8852417  | 9073803  | 8911834  | 1.59   | cps   |
| Bismuth    | 209-2 | 6151686  | 6223546  | 6228546  | 6201259  | 0.69   | cps   |
| Boron      | 10-1  | 800      | 742      | 925      | 822      | 11.39  | cps   |
| Boron      | 11-1  | 4167     | 3859     | 4159     | 4062     | 4.33   | cps   |
| Cadmium    | 111-1 | 3057     | 3445     | 3239     | 3247     | 5.98   | cps   |
| Cadmium    | 106-1 | 4343     | 4859     | 4593     | 4598     | 5.62   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 172571   | 175076   | 175749   | 174465   | 0.96   | cps   |
| Calcium    | 44-1  | 2873309  | 2884960  | 2883775  | 2880681  | 0.22   | cps   |
| Chromium   | 52-2  | 3601     | 3711     | 3624     | 3645     | 1.59   | cps   |
| Cobalt     | 59-2  | 1037     | 1000     | 1050     | 1029     | 2.52   | cps   |
| Copper     | 63-2  | 978320   | 988107   | 988993   | 985140   | 0.60   | cps   |
| Dysprosium | 156-1 | 25       | 58       | 67       | 50       | 44.10  | cps   |
| Dysprosium | 156-2 | 57       | 27       | 37       | 40       | 38.18  | cps   |
| Erbium     | 164-1 | 158      | 58       | 83       | 100      | 52.04  | cps   |
| Erbium     | 164-2 | 70       | 33       | 90       | 64       | 44.60  | cps   |
| Gadolinium | 160-1 | 167      | 242      | 208      | 206      | 18.28  | cps   |
| Gadolinium | 160-2 | 223      | 170      | 187      | 193      | 14.11  | cps   |
| Holmium    | 165-1 | 13509364 | 13744473 | 13756755 | 13670198 | 1.02   | cps   |
| Holmium    | 165-2 | 8693672  | 8771415  | 8843910  | 8769666  | 0.86   | cps   |
| Indium     | 115-1 | 11318947 | 11500813 | 11322740 | 11380833 | 0.91   | cps   |
| Indium     | 115-2 | 2635496  | 2646611  | 2667338  | 2649815  | 0.61   | cps   |
| Iron       | 56-2  | 140609   | 141485   | 144761   | 142285   | 1.54   | cps   |
| Iron       | 57-2  | 4240     | 4223     | 4167     | 4210     | 0.90   | cps   |
| Lead       | 206-1 | 4996     | 5007     | 5346     | 5116     | 3.89   | cps   |
| Lead       | 207-1 | 4634     | 4223     | 4740     | 4532     | 6.02   | cps   |
| Lead       | 208-1 | 20084    | 19823    | 21079    | 20329    | 3.26   | cps   |
| Lithium    | 6-1   | 374997   | 381375   | 376263   | 377545   | 0.89   | cps   |
| Magnesium  | 24-2  | 454585   | 460954   | 461776   | 459105   | 0.86   | cps   |
| Manganese  | 55-2  | 38888    | 38968    | 39617    | 39158    | 1.02   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-31-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:44:24  | DataFile Name :   | 056SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 583      | 633      | 617      | 611      | 4.17   | cps   |
| Molybdenum | 95-1  | 342      | 408      | 267      | 339      | 20.91  | cps   |
| Molybdenum | 96-1  | 533      | 475      | 450      | 486      | 8.80   | cps   |
| Molybdenum | 97-1  | 150      | 175      | 183      | 169      | 10.24  | cps   |
| Molybdenum | 98-1  | 492      | 617      | 475      | 528      | 14.67  | cps   |
| Neodymium  | 150-1 | 120      | 87       | 53       | 87       | 38.46  | cps   |
| Neodymium  | 150-2 | 23       | 13       | 17       | 18       | 28.64  | cps   |
| Nickel     | 60-2  | 2624     | 2527     | 2597     | 2583     | 1.93   | cps   |
| Phosphorus | 31-2  | 5951     | 5785     | 5901     | 5879     | 1.46   | cps   |
| Potassium  | 39-2  | 211251   | 213685   | 211082   | 212006   | 0.69   | cps   |
| Rhodium    | 103-1 | 10342803 | 10469226 | 10448222 | 10420084 | 0.65   | cps   |
| Rhodium    | 103-2 | 5988499  | 5991543  | 6081879  | 6020640  | 0.88   | cps   |
| Scandium   | 45-1  | 5612218  | 5601432  | 5541743  | 5585131  | 0.68   | cps   |
| Scandium   | 45-2  | 335049   | 337783   | 335103   | 335979   | 0.47   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 120      | 124      | 152      | 132      | 13.02  | cps   |
| Selenium   | 82-1  | 232      | 125      | 184      | 180      | 29.57  | cps   |
| Silicon    | 28-1  | 5981876  | 6057911  | 5939586  | 5993124  | 1.00   | cps   |
| Silver     | 109-1 | 117      | 150      | 100      | 122      | 20.83  | cps   |
| Silver     | 107-1 | 242      | 217      | 225      | 228      | 5.59   | cps   |
| Sodium     | 23-2  | 5771272  | 5863007  | 5851404  | 5828561  | 0.86   | cps   |
| Strontium  | 86-1  | 76563    | 77309    | 78499    | 77457    | 1.26   | cps   |
| Strontium  | 88-1  | 672606   | 676622   | 677388   | 675538   | 0.38   | cps   |
| Sulfur     | 34-1  | 418251   | 420076   | 415606   | 417978   | 0.54   | cps   |
| Terbium    | 159-1 | 14198467 | 14122271 | 14146716 | 14155818 | 0.27   | cps   |
| Terbium    | 159-2 | 8806181  | 8684955  | 8762528  | 8751221  | 0.70   | cps   |
| Thallium   | 203-1 | 383      | 392      | 442      | 406      | 7.78   | cps   |
| Thallium   | 205-1 | 867      | 775      | 825      | 822      | 5.58   | cps   |
| Tin        | 118-1 | 1575     | 1533     | 1600     | 1570     | 2.15   | cps   |
| Titanium   | 47-1  | 975      | 883      | 850      | 903      | 7.17   | cps   |
| Uranium    | 238-1 | 550      | 425      | 508      | 494      | 12.87  | cps   |
| Vanadium   | 51-2  | 250      | 247      | 263      | 253      | 3.48   | cps   |
| Yttrium    | 89-1  | 11088587 | 11144581 | 11235971 | 11156379 | 0.67   | cps   |
| Yttrium    | 89-2  | 1931217  | 1936209  | 1957960  | 1941795  | 0.73   | cps   |
| Zinc       | 66-2  | 130287   | 130991   | 130221   | 130500   | 0.33   | cps   |
| Zirconium  | 90-1  | 1383     | 1492     | 1525     | 1467     | 5.05   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-31-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:44:24  | DataFile Name :   | 056SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 308  | 375  | 308     | 21.62  | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-32 Instrumnet Name : P7  
 Client Sample ID : DC14598-32-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:47:49 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1750     | 2209     | 2134     | 2031     | 12.11  | cps   |
| Antimony   | 121-1 | 817      | 883      | 792      | 831      | 5.71   | cps   |
| Arsenic    | 75-2  | 202      | 183      | 187      | 191      | 5.14   | cps   |
| Barium     | 135-1 | 51596    | 50618    | 50928    | 51048    | 0.98   | cps   |
| Barium     | 137-1 | 87819    | 86412    | 86410    | 86880    | 0.94   | cps   |
| Beryllium  | 9-1   | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Bismuth    | 209-1 | 8923559  | 8933089  | 8818453  | 8891700  | 0.72   | cps   |
| Bismuth    | 209-2 | 6161003  | 6156319  | 6155372  | 6157565  | 0.05   | cps   |
| Boron      | 10-1  | 700      | 650      | 667      | 672      | 3.79   | cps   |
| Boron      | 11-1  | 3909     | 3967     | 3976     | 3951     | 0.92   | cps   |
| Cadmium    | 111-1 | 3550     | 3107     | 3051     | 3236     | 8.46   | cps   |
| Cadmium    | 106-1 | 5018     | 4426     | 4351     | 4598     | 7.95   | cps   |
| Cadmium    | 108-1 | 29       | 17       | 17       | 21       | 34.64  | cps   |
| Calcium    | 43-1  | 173744   | 174611   | 176063   | 174806   | 0.67   | cps   |
| Calcium    | 44-1  | 2891230  | 2870967  | 2846778  | 2869659  | 0.78   | cps   |
| Chromium   | 52-2  | 3570     | 3724     | 3681     | 3658     | 2.16   | cps   |
| Cobalt     | 59-2  | 707      | 770      | 650      | 709      | 8.47   | cps   |
| Copper     | 63-2  | 1137338  | 1148709  | 1137575  | 1141207  | 0.57   | cps   |
| Dysprosium | 156-1 | 67       | 92       | 50       | 69       | 30.20  | cps   |
| Dysprosium | 156-2 | 40       | 30       | 30       | 33       | 17.32  | cps   |
| Erbium     | 164-1 | 58       | 142      | 125      | 108      | 40.70  | cps   |
| Erbium     | 164-2 | 33       | 50       | 77       | 53       | 40.99  | cps   |
| Gadolinium | 160-1 | 192      | 208      | 150      | 183      | 16.39  | cps   |
| Gadolinium | 160-2 | 213      | 277      | 213      | 234      | 15.60  | cps   |
| Holmium    | 165-1 | 13663914 | 13599349 | 13522777 | 13595347 | 0.52   | cps   |
| Holmium    | 165-2 | 8735923  | 8697397  | 8578617  | 8670646  | 0.95   | cps   |
| Indium     | 115-1 | 11317257 | 11382205 | 11163617 | 11287693 | 0.99   | cps   |
| Indium     | 115-2 | 2625944  | 2664992  | 2622588  | 2637841  | 0.89   | cps   |
| Iron       | 56-2  | 152537   | 159320   | 146496   | 152784   | 4.20   | cps   |
| Iron       | 57-2  | 4462     | 4590     | 4590     | 4547     | 1.62   | cps   |
| Lead       | 206-1 | 2989     | 2756     | 3528     | 3091     | 12.82  | cps   |
| Lead       | 207-1 | 2723     | 2628     | 2656     | 2669     | 1.82   | cps   |
| Lead       | 208-1 | 12241    | 11947    | 12792    | 12327    | 3.48   | cps   |
| Lithium    | 6-1   | 379264   | 383382   | 371550   | 378065   | 1.59   | cps   |
| Magnesium  | 24-2  | 419684   | 424138   | 412893   | 418905   | 1.35   | cps   |
| Manganese  | 55-2  | 42682    | 42832    | 42438    | 42651    | 0.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-32-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:47:49  | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 525      | 583      | 650      | 586      | 10.67  | cps   |
| Molybdenum | 95-1  | 267      | 367      | 392      | 342      | 19.36  | cps   |
| Molybdenum | 96-1  | 433      | 458      | 475      | 456      | 4.60   | cps   |
| Molybdenum | 97-1  | 217      | 308      | 108      | 211      | 47.42  | cps   |
| Molybdenum | 98-1  | 467      | 600      | 450      | 506      | 16.26  | cps   |
| Neodymium  | 150-1 | 113      | 33       | 60       | 69       | 59.14  | cps   |
| Neodymium  | 150-2 | 27       | 30       | 30       | 29       | 6.65   | cps   |
| Nickel     | 60-2  | 1027     | 1003     | 1050     | 1027     | 2.27   | cps   |
| Phosphorus | 31-2  | 5935     | 5551     | 5626     | 5704     | 3.56   | cps   |
| Potassium  | 39-2  | 208818   | 207339   | 205420   | 207193   | 0.82   | cps   |
| Rhodium    | 103-1 | 10523869 | 10458714 | 10387717 | 10456767 | 0.65   | cps   |
| Rhodium    | 103-2 | 5482766  | 5992006  | 5422651  | 5632474  | 5.55   | cps   |
| Scandium   | 45-1  | 5591968  | 5587261  | 5494375  | 5557868  | 0.99   | cps   |
| Scandium   | 45-2  | 333298   | 336059   | 335750   | 335036   | 0.45   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 122      | 133      | 125      | 5.60   | cps   |
| Selenium   | 82-1  | 194      | 154      | 205      | 184      | 14.38  | cps   |
| Silicon    | 28-1  | 6016816  | 5870679  | 5781669  | 5889721  | 2.02   | cps   |
| Silver     | 109-1 | 100      | 100      | 117      | 106      | 9.11   | cps   |
| Silver     | 107-1 | 142      | 208      | 158      | 169      | 20.48  | cps   |
| Sodium     | 23-2  | 5784138  | 5797111  | 5756155  | 5779135  | 0.36   | cps   |
| Strontium  | 86-1  | 77157    | 77794    | 76137    | 77030    | 1.09   | cps   |
| Strontium  | 88-1  | 669651   | 677386   | 676190   | 674409   | 0.62   | cps   |
| Sulfur     | 34-1  | 421814   | 418530   | 417362   | 419235   | 0.55   | cps   |
| Terbium    | 159-1 | 14046836 | 14201036 | 13988973 | 14078948 | 0.78   | cps   |
| Terbium    | 159-2 | 8795975  | 8801282  | 8723583  | 8773613  | 0.49   | cps   |
| Thallium   | 203-1 | 367      | 367      | 367      | 367      | 0.00   | cps   |
| Thallium   | 205-1 | 792      | 750      | 758      | 767      | 2.88   | cps   |
| Tin        | 118-1 | 1617     | 1517     | 1575     | 1570     | 3.20   | cps   |
| Titanium   | 47-1  | 1100     | 1050     | 908      | 1020     | 9.76   | cps   |
| Uranium    | 238-1 | 508      | 625      | 592      | 575      | 10.45  | cps   |
| Vanadium   | 51-2  | 240      | 260      | 263      | 254      | 4.96   | cps   |
| Yttrium    | 89-1  | 11140137 | 11273930 | 11216913 | 11210327 | 0.60   | cps   |
| Yttrium    | 89-2  | 1934350  | 1935854  | 1925016  | 1931740  | 0.30   | cps   |
| Zinc       | 66-2  | 12883    | 12856    | 12736    | 12825    | 0.61   | cps   |
| Zirconium  | 90-1  | 1167     | 1350     | 1192     | 1236     | 8.04   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-32-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:47:49  | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 317  | 267  | 286     | 9.36   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-33 Instrumnet Name : P7  
 Client Sample ID : DC14598-33-FL3-BRB-V Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 18:51:15 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4230     | 3459     | 2984     | 3558     | 17.67  | cps   |
| Antimony   | 121-1 | 2292     | 2167     | 2034     | 2164     | 5.97   | cps   |
| Arsenic    | 75-2  | 207      | 196      | 191      | 198      | 4.28   | cps   |
| Barium     | 135-1 | 51078    | 52835    | 52074    | 51996    | 1.69   | cps   |
| Barium     | 137-1 | 93925    | 91476    | 91124    | 92175    | 1.66   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 8981400  | 8912104  | 8933863  | 8942456  | 0.40   | cps   |
| Bismuth    | 209-2 | 6042501  | 6168679  | 6204046  | 6138409  | 1.38   | cps   |
| Boron      | 10-1  | 858      | 900      | 900      | 886      | 2.72   | cps   |
| Boron      | 11-1  | 4484     | 4718     | 4901     | 4701     | 4.44   | cps   |
| Cadmium    | 111-1 | 2853     | 3405     | 3004     | 3087     | 9.22   | cps   |
| Cadmium    | 106-1 | 4026     | 4843     | 4251     | 4373     | 9.65   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 13       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 173727   | 175060   | 173036   | 173941   | 0.59   | cps   |
| Calcium    | 44-1  | 2865879  | 2848794  | 2840882  | 2851851  | 0.45   | cps   |
| Chromium   | 52-2  | 3877     | 4107     | 3767     | 3917     | 4.43   | cps   |
| Cobalt     | 59-2  | 1803     | 1994     | 1760     | 1852     | 6.70   | cps   |
| Copper     | 63-2  | 1023202  | 1034106  | 1037006  | 1031438  | 0.71   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 42       | 64       | 32.83  | cps   |
| Dysprosium | 156-2 | 43       | 30       | 43       | 39       | 19.79  | cps   |
| Erbium     | 164-1 | 92       | 83       | 117      | 97       | 17.84  | cps   |
| Erbium     | 164-2 | 67       | 63       | 73       | 68       | 7.52   | cps   |
| Gadolinium | 160-1 | 225      | 242      | 142      | 203      | 26.42  | cps   |
| Gadolinium | 160-2 | 220      | 227      | 270      | 239      | 11.36  | cps   |
| Holmium    | 165-1 | 13869088 | 13583195 | 13537253 | 13663179 | 1.32   | cps   |
| Holmium    | 165-2 | 8504248  | 8715048  | 8731840  | 8650379  | 1.47   | cps   |
| Indium     | 115-1 | 11408870 | 11507270 | 11357128 | 11424423 | 0.67   | cps   |
| Indium     | 115-2 | 2578774  | 2629438  | 2654602  | 2620938  | 1.47   | cps   |
| Iron       | 56-2  | 195321   | 203498   | 204020   | 200946   | 2.43   | cps   |
| Iron       | 57-2  | 5757     | 5446     | 5990     | 5731     | 4.77   | cps   |
| Lead       | 206-1 | 7236     | 7191     | 7525     | 7317     | 2.48   | cps   |
| Lead       | 207-1 | 6263     | 6185     | 5968     | 6139     | 2.49   | cps   |
| Lead       | 208-1 | 28529    | 29203    | 29475    | 29069    | 1.67   | cps   |
| Lithium    | 6-1   | 378545   | 375133   | 378999   | 377559   | 0.56   | cps   |
| Magnesium  | 24-2  | 508819   | 515154   | 515154   | 513042   | 0.71   | cps   |
| Manganese  | 55-2  | 66490    | 68516    | 68793    | 67933    | 1.85   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-33-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:51:15  | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 742      | 542      | 650      | 644      | 15.54  | cps   |
| Molybdenum | 95-1  | 350      | 375      | 317      | 347      | 8.43   | cps   |
| Molybdenum | 96-1  | 450      | 442      | 550      | 481      | 12.55  | cps   |
| Molybdenum | 97-1  | 283      | 133      | 192      | 203      | 37.29  | cps   |
| Molybdenum | 98-1  | 408      | 492      | 425      | 442      | 9.98   | cps   |
| Neodymium  | 150-1 | 100      | 93       | 53       | 82       | 30.69  | cps   |
| Neodymium  | 150-2 | 40       | 30       | 43       | 38       | 18.36  | cps   |
| Nickel     | 60-2  | 1663     | 1610     | 1717     | 1663     | 3.21   | cps   |
| Phosphorus | 31-2  | 5401     | 5835     | 6285     | 5840     | 7.57   | cps   |
| Potassium  | 39-2  | 208339   | 206629   | 209660   | 208209   | 0.73   | cps   |
| Rhodium    | 103-1 | 10420864 | 10650240 | 10329156 | 10466753 | 1.58   | cps   |
| Rhodium    | 103-2 | 5911773  | 5955309  | 6008426  | 5958503  | 0.81   | cps   |
| Scandium   | 45-1  | 5548303  | 5509036  | 5532836  | 5530058  | 0.36   | cps   |
| Scandium   | 45-2  | 327884   | 331950   | 336545   | 332126   | 1.30   | cps   |
| Selenium   | 77-2  | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 111      | 115      | 131      | 119      | 9.11   | cps   |
| Selenium   | 82-1  | 237      | 102      | 246      | 195      | 41.40  | cps   |
| Silicon    | 28-1  | 6106998  | 6133976  | 6078416  | 6106463  | 0.45   | cps   |
| Silver     | 109-1 | 200      | 125      | 258      | 194      | 34.37  | cps   |
| Silver     | 107-1 | 242      | 233      | 217      | 231      | 5.52   | cps   |
| Sodium     | 23-2  | 5766773  | 5897603  | 5856869  | 5840415  | 1.15   | cps   |
| Strontium  | 86-1  | 77829    | 77158    | 77911    | 77632    | 0.53   | cps   |
| Strontium  | 88-1  | 674364   | 673719   | 680752   | 676278   | 0.57   | cps   |
| Sulfur     | 34-1  | 419624   | 420794   | 417949   | 419456   | 0.34   | cps   |
| Terbium    | 159-1 | 14177084 | 14180514 | 14166094 | 14174564 | 0.05   | cps   |
| Terbium    | 159-2 | 8669455  | 8750882  | 8804622  | 8741653  | 0.78   | cps   |
| Thallium   | 203-1 | 367      | 300      | 350      | 339      | 10.24  | cps   |
| Thallium   | 205-1 | 950      | 783      | 742      | 825      | 13.36  | cps   |
| Tin        | 118-1 | 1909     | 1867     | 1850     | 1875     | 1.60   | cps   |
| Titanium   | 47-1  | 1008     | 817      | 1042     | 956      | 12.71  | cps   |
| Uranium    | 238-1 | 658      | 458      | 525      | 547      | 18.61  | cps   |
| Vanadium   | 51-2  | 347      | 363      | 290      | 333      | 11.53  | cps   |
| Yttrium    | 89-1  | 11325802 | 11153174 | 11165246 | 11214741 | 0.86   | cps   |
| Yttrium    | 89-2  | 1913369  | 1931217  | 1956897  | 1933828  | 1.13   | cps   |
| Zinc       | 66-2  | 88439    | 89673    | 90642    | 89585    | 1.23   | cps   |
| Zirconium  | 90-1  | 1375     | 1525     | 1459     | 1453     | 5.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-33-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:51:15  | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 383  | 392  | 200  | 325     | 33.33  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-34-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:54:40  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2009     | 2284     | 2092     | 2128     | 6.63   | cps   |
| Antimony   | 121-1 | 833      | 808      | 1008     | 883      | 12.34  | cps   |
| Arsenic    | 75-2  | 209      | 204      | 185      | 199      | 6.32   | cps   |
| Barium     | 135-1 | 50710    | 49138    | 50418    | 50088    | 1.67   | cps   |
| Barium     | 137-1 | 86318    | 85195    | 88422    | 86645    | 1.89   | cps   |
| Beryllium  | 9-1   | 6        | 6        | 39       | 17       | 115.44 | cps   |
| Bismuth    | 209-1 | 8844351  | 8806151  | 8856662  | 8835721  | 0.30   | cps   |
| Bismuth    | 209-2 | 6190707  | 6220455  | 6220866  | 6210676  | 0.28   | cps   |
| Boron      | 10-1  | 817      | 917      | 675      | 803      | 15.13  | cps   |
| Boron      | 11-1  | 4167     | 3817     | 4009     | 3998     | 4.39   | cps   |
| Cadmium    | 111-1 | 3054     | 3258     | 3452     | 3255     | 6.12   | cps   |
| Cadmium    | 106-1 | 4334     | 4576     | 4909     | 4607     | 6.27   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 25       | 22       | 21.64  | cps   |
| Calcium    | 43-1  | 170454   | 170077   | 174715   | 171749   | 1.50   | cps   |
| Calcium    | 44-1  | 2803847  | 2808450  | 2838039  | 2816778  | 0.66   | cps   |
| Chromium   | 52-2  | 3777     | 3427     | 3684     | 3629     | 5.00   | cps   |
| Cobalt     | 59-2  | 990      | 877      | 967      | 944      | 6.34   | cps   |
| Copper     | 63-2  | 1146053  | 1142455  | 1136387  | 1141632  | 0.43   | cps   |
| Dysprosium | 156-1 | 58       | 42       | 58       | 53       | 18.23  | cps   |
| Dysprosium | 156-2 | 50       | 27       | 40       | 39       | 30.10  | cps   |
| Erbium     | 164-1 | 67       | 108      | 142      | 106      | 35.60  | cps   |
| Erbium     | 164-2 | 60       | 73       | 80       | 71       | 14.32  | cps   |
| Gadolinium | 160-1 | 242      | 225      | 183      | 217      | 13.87  | cps   |
| Gadolinium | 160-2 | 203      | 223      | 197      | 208      | 6.68   | cps   |
| Holmium    | 165-1 | 13427959 | 13419664 | 13454157 | 13433927 | 0.13   | cps   |
| Holmium    | 165-2 | 8809410  | 8801321  | 8750405  | 8787045  | 0.36   | cps   |
| Indium     | 115-1 | 11266470 | 11254463 | 11390498 | 11303811 | 0.67   | cps   |
| Indium     | 115-2 | 2652028  | 2662998  | 2639465  | 2651497  | 0.44   | cps   |
| Iron       | 56-2  | 165352   | 160078   | 162432   | 162621   | 1.62   | cps   |
| Iron       | 57-2  | 4712     | 4545     | 4751     | 4669     | 2.34   | cps   |
| Lead       | 206-1 | 4757     | 4506     | 4384     | 4549     | 4.17   | cps   |
| Lead       | 207-1 | 3734     | 4045     | 3462     | 3747     | 7.79   | cps   |
| Lead       | 208-1 | 17538    | 17527    | 16994    | 17353    | 1.79   | cps   |
| Lithium    | 6-1   | 375825   | 371662   | 365925   | 371137   | 1.34   | cps   |
| Magnesium  | 24-2  | 436836   | 435633   | 434469   | 435646   | 0.27   | cps   |
| Manganese  | 55-2  | 46483    | 47215    | 45942    | 46547    | 1.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-34-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:54:40  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 483      | 675      | 583      | 581      | 16.51  | cps   |
| Molybdenum | 95-1  | 308      | 442      | 317      | 356      | 21.01  | cps   |
| Molybdenum | 96-1  | 525      | 425      | 508      | 486      | 11.02  | cps   |
| Molybdenum | 97-1  | 192      | 150      | 183      | 175      | 12.60  | cps   |
| Molybdenum | 98-1  | 517      | 433      | 492      | 481      | 8.90   | cps   |
| Neodymium  | 150-1 | 53       | 93       | 33       | 60       | 50.92  | cps   |
| Neodymium  | 150-2 | 33       | 30       | 20       | 28       | 24.98  | cps   |
| Nickel     | 60-2  | 1193     | 1130     | 1270     | 1198     | 5.85   | cps   |
| Phosphorus | 31-2  | 5901     | 6210     | 5993     | 6035     | 2.62   | cps   |
| Potassium  | 39-2  | 207919   | 208455   | 210311   | 208895   | 0.60   | cps   |
| Rhodium    | 103-1 | 10359231 | 10353128 | 10283772 | 10332044 | 0.41   | cps   |
| Rhodium    | 103-2 | 5489398  | 6026156  | 5992646  | 5836067  | 5.15   | cps   |
| Scandium   | 45-1  | 5412925  | 5470205  | 5542996  | 5475375  | 1.19   | cps   |
| Scandium   | 45-2  | 335850   | 338275   | 336387   | 336837   | 0.38   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 150      | 111      | 113      | 125      | 17.59  | cps   |
| Selenium   | 82-1  | 126      | 184      | 212      | 174      | 25.06  | cps   |
| Silicon    | 28-1  | 5809962  | 5880100  | 5727457  | 5805840  | 1.32   | cps   |
| Silver     | 109-1 | 142      | 50       | 117      | 103      | 46.11  | cps   |
| Silver     | 107-1 | 192      | 158      | 142      | 164      | 15.54  | cps   |
| Sodium     | 23-2  | 5825288  | 5905870  | 5844238  | 5858465  | 0.72   | cps   |
| Strontium  | 86-1  | 76228    | 77225    | 77618    | 77023    | 0.93   | cps   |
| Strontium  | 88-1  | 660830   | 660715   | 678600   | 666715   | 1.54   | cps   |
| Sulfur     | 34-1  | 417588   | 417038   | 425186   | 419937   | 1.08   | cps   |
| Terbium    | 159-1 | 14050424 | 14062479 | 13936146 | 14016350 | 0.50   | cps   |
| Terbium    | 159-2 | 8770831  | 8756216  | 8723116  | 8750055  | 0.28   | cps   |
| Thallium   | 203-1 | 333      | 392      | 383      | 369      | 8.54   | cps   |
| Thallium   | 205-1 | 758      | 617      | 800      | 725      | 13.26  | cps   |
| Tin        | 118-1 | 1517     | 1859     | 1734     | 1703     | 10.15  | cps   |
| Titanium   | 47-1  | 1000     | 817      | 900      | 906      | 10.14  | cps   |
| Uranium    | 238-1 | 458      | 383      | 558      | 467      | 18.81  | cps   |
| Vanadium   | 51-2  | 237      | 257      | 280      | 258      | 8.41   | cps   |
| Yttrium    | 89-1  | 10995803 | 10925301 | 11180269 | 11033791 | 1.19   | cps   |
| Yttrium    | 89-2  | 1938628  | 1947438  | 1951785  | 1945950  | 0.34   | cps   |
| Zinc       | 66-2  | 19887    | 19720    | 19173    | 19593    | 1.91   | cps   |
| Zirconium  | 90-1  | 1358     | 1442     | 1392     | 1397     | 3.00   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-34-FL3-BRB-V | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:54:40  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 242  | 333  | 322     | 23.47  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-35-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:58:05  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1925     | 1842     | 2292     | 2020     | 11.86  | cps   |
| Antimony   | 121-1 | 833      | 608      | 817      | 753      | 16.65  | cps   |
| Arsenic    | 75-2  | 187      | 215      | 200      | 201      | 6.93   | cps   |
| Barium     | 135-1 | 48720    | 49832    | 50426    | 49659    | 1.74   | cps   |
| Barium     | 137-1 | 86469    | 87400    | 86402    | 86757    | 0.64   | cps   |
| Beryllium  | 9-1   | 33       | 11       | 28       | 24       | 48.04  | cps   |
| Bismuth    | 209-1 | 8750942  | 8720912  | 8826245  | 8766033  | 0.62   | cps   |
| Bismuth    | 209-2 | 6147816  | 6095204  | 6077131  | 6106717  | 0.60   | cps   |
| Boron      | 10-1  | 792      | 700      | 675      | 722      | 8.51   | cps   |
| Boron      | 11-1  | 3717     | 3309     | 3667     | 3564     | 6.25   | cps   |
| Cadmium    | 111-1 | 3088     | 3165     | 3143     | 3132     | 1.26   | cps   |
| Cadmium    | 106-1 | 4359     | 4451     | 4418     | 4409     | 1.05   | cps   |
| Cadmium    | 108-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Calcium    | 43-1  | 171374   | 171678   | 173186   | 172079   | 0.56   | cps   |
| Calcium    | 44-1  | 2798935  | 2783115  | 2806988  | 2796346  | 0.43   | cps   |
| Chromium   | 52-2  | 3737     | 3701     | 3741     | 3726     | 0.60   | cps   |
| Cobalt     | 59-2  | 700      | 670      | 633      | 668      | 5.00   | cps   |
| Copper     | 63-2  | 1243695  | 1234146  | 1242010  | 1239951  | 0.41   | cps   |
| Dysprosium | 156-1 | 17       | 100      | 58       | 58       | 71.43  | cps   |
| Dysprosium | 156-2 | 20       | 53       | 60       | 44       | 48.22  | cps   |
| Erbium     | 164-1 | 108      | 108      | 67       | 94       | 25.47  | cps   |
| Erbium     | 164-2 | 57       | 63       | 77       | 66       | 15.54  | cps   |
| Gadolinium | 160-1 | 225      | 142      | 200      | 189      | 22.64  | cps   |
| Gadolinium | 160-2 | 200      | 210      | 193      | 201      | 4.17   | cps   |
| Holmium    | 165-1 | 13336249 | 13305881 | 13537836 | 13393322 | 0.94   | cps   |
| Holmium    | 165-2 | 8700437  | 8668747  | 8395741  | 8588308  | 1.95   | cps   |
| Indium     | 115-1 | 11069150 | 11145930 | 11270715 | 11161932 | 0.91   | cps   |
| Indium     | 115-2 | 2638486  | 2613439  | 2599159  | 2617028  | 0.76   | cps   |
| Iron       | 56-2  | 150315   | 150209   | 152693   | 151072   | 0.93   | cps   |
| Iron       | 57-2  | 4462     | 4862     | 4434     | 4586     | 5.22   | cps   |
| Lead       | 206-1 | 6430     | 6752     | 6391     | 6524     | 3.04   | cps   |
| Lead       | 207-1 | 6052     | 5473     | 5674     | 5733     | 5.12   | cps   |
| Lead       | 208-1 | 26350    | 25788    | 26055    | 26064    | 1.08   | cps   |
| Lithium    | 6-1   | 373312   | 371963   | 371095   | 372124   | 0.30   | cps   |
| Magnesium  | 24-2  | 392570   | 392198   | 390031   | 391600   | 0.35   | cps   |
| Manganese  | 55-2  | 50082    | 49115    | 49737    | 49645    | 0.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-35-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:58:05  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 658      | 625      | 639      | 2.71   | cps   |
| Molybdenum | 95-1  | 275      | 400      | 283      | 319      | 21.88  | cps   |
| Molybdenum | 96-1  | 308      | 483      | 425      | 406      | 21.97  | cps   |
| Molybdenum | 97-1  | 158      | 192      | 125      | 158      | 21.05  | cps   |
| Molybdenum | 98-1  | 417      | 500      | 333      | 417      | 20.00  | cps   |
| Neodymium  | 150-1 | 100      | 80       | 60       | 80       | 25.00  | cps   |
| Neodymium  | 150-2 | 20       | 27       | 30       | 26       | 19.92  | cps   |
| Nickel     | 60-2  | 8389     | 7962     | 8279     | 8210     | 2.70   | cps   |
| Phosphorus | 31-2  | 5793     | 5835     | 5726     | 5785     | 0.95   | cps   |
| Potassium  | 39-2  | 207230   | 204517   | 206626   | 206124   | 0.69   | cps   |
| Rhodium    | 103-1 | 10194101 | 10176170 | 10307660 | 10225977 | 0.70   | cps   |
| Rhodium    | 103-2 | 5930638  | 5381075  | 5910371  | 5740694  | 5.43   | cps   |
| Scandium   | 45-1  | 5423456  | 5419230  | 5486882  | 5443189  | 0.70   | cps   |
| Scandium   | 45-2  | 335271   | 330745   | 333163   | 333060   | 0.68   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 131      | 137      | 124      | 131      | 4.97   | cps   |
| Selenium   | 82-1  | 185      | 210      | 195      | 197      | 6.28   | cps   |
| Silicon    | 28-1  | 5643344  | 5646852  | 5809617  | 5699937  | 1.67   | cps   |
| Silver     | 109-1 | 167      | 150      | 183      | 167      | 10.00  | cps   |
| Silver     | 107-1 | 217      | 225      | 250      | 231      | 7.52   | cps   |
| Sodium     | 23-2  | 5896467  | 5832532  | 5790928  | 5839976  | 0.91   | cps   |
| Strontium  | 86-1  | 76437    | 75240    | 76152    | 75943    | 0.82   | cps   |
| Strontium  | 88-1  | 667961   | 663786   | 670198   | 667315   | 0.49   | cps   |
| Sulfur     | 34-1  | 414252   | 409780   | 417008   | 413680   | 0.88   | cps   |
| Terbium    | 159-1 | 13873865 | 13785344 | 14049976 | 13903062 | 0.97   | cps   |
| Terbium    | 159-2 | 8767373  | 8677482  | 8699432  | 8714762  | 0.54   | cps   |
| Thallium   | 203-1 | 325      | 275      | 292      | 297      | 8.57   | cps   |
| Thallium   | 205-1 | 767      | 742      | 1042     | 850      | 19.59  | cps   |
| Tin        | 118-1 | 1400     | 1300     | 1475     | 1392     | 6.31   | cps   |
| Titanium   | 47-1  | 958      | 967      | 875      | 933      | 5.43   | cps   |
| Uranium    | 238-1 | 333      | 425      | 408      | 389      | 12.56  | cps   |
| Vanadium   | 51-2  | 250      | 253      | 280      | 261      | 6.30   | cps   |
| Yttrium    | 89-1  | 10852676 | 10948617 | 10971338 | 10924210 | 0.58   | cps   |
| Yttrium    | 89-2  | 1934350  | 1906904  | 1914852  | 1918702  | 0.74   | cps   |
| Zinc       | 66-2  | 35654    | 36165    | 37475    | 36431    | 2.58   | cps   |
| Zirconium  | 90-1  | 1508     | 1350     | 1425     | 1428     | 5.55   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-35             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-35-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 18:58:05  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 317  | 275  | 294     | 7.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-36-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:01:31  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1317     | 1592     | 1558     | 1489     | 10.08  | cps   |
| Antimony   | 121-1 | 625      | 742      | 708      | 692      | 8.69   | cps   |
| Arsenic    | 75-2  | 172      | 204      | 226      | 201      | 13.45  | cps   |
| Barium     | 135-1 | 50216    | 50342    | 49271    | 49943    | 1.17   | cps   |
| Barium     | 137-1 | 84775    | 85320    | 86101    | 85399    | 0.78   | cps   |
| Beryllium  | 9-1   | 33       | 39       | 11       | 28       | 52.92  | cps   |
| Bismuth    | 209-1 | 8991815  | 9036907  | 9027458  | 9018727  | 0.26   | cps   |
| Bismuth    | 209-2 | 6100836  | 6102353  | 6151954  | 6118381  | 0.48   | cps   |
| Boron      | 10-1  | 550      | 633      | 658      | 614      | 9.24   | cps   |
| Boron      | 11-1  | 2884     | 2984     | 3242     | 3037     | 6.09   | cps   |
| Cadmium    | 111-1 | 3243     | 3227     | 3181     | 3217     | 1.01   | cps   |
| Cadmium    | 106-1 | 4634     | 4593     | 4501     | 4576     | 1.49   | cps   |
| Cadmium    | 108-1 | 25       | 42       | 17       | 28       | 45.82  | cps   |
| Calcium    | 43-1  | 173674   | 175251   | 177933   | 175619   | 1.23   | cps   |
| Calcium    | 44-1  | 2862722  | 2887387  | 2866401  | 2872170  | 0.46   | cps   |
| Chromium   | 52-2  | 3460     | 3557     | 3544     | 3520     | 1.49   | cps   |
| Cobalt     | 59-2  | 270      | 270      | 253      | 264      | 3.64   | cps   |
| Copper     | 63-2  | 1376685  | 1386510  | 1390506  | 1384567  | 0.51   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 100      | 75       | 29.40  | cps   |
| Dysprosium | 156-2 | 40       | 43       | 50       | 44       | 11.46  | cps   |
| Erbium     | 164-1 | 92       | 83       | 100      | 92       | 9.09   | cps   |
| Erbium     | 164-2 | 57       | 23       | 43       | 41       | 40.82  | cps   |
| Gadolinium | 160-1 | 242      | 217      | 200      | 219      | 9.56   | cps   |
| Gadolinium | 160-2 | 157      | 193      | 207      | 186      | 13.95  | cps   |
| Holmium    | 165-1 | 13667056 | 13722594 | 13785729 | 13725126 | 0.43   | cps   |
| Holmium    | 165-2 | 8731017  | 8687770  | 8732077  | 8716955  | 0.29   | cps   |
| Indium     | 115-1 | 11374365 | 11240508 | 11409542 | 11341472 | 0.79   | cps   |
| Indium     | 115-2 | 2611720  | 2604253  | 2633573  | 2616516  | 0.58   | cps   |
| Iron       | 56-2  | 124629   | 127166   | 125296   | 125697   | 1.05   | cps   |
| Iron       | 57-2  | 4251     | 3912     | 4023     | 4062     | 4.25   | cps   |
| Lead       | 206-1 | 2084     | 2272     | 2022     | 2126     | 6.13   | cps   |
| Lead       | 207-1 | 1989     | 2045     | 1884     | 1972     | 4.15   | cps   |
| Lead       | 208-1 | 8646     | 9240     | 8579     | 8822     | 4.13   | cps   |
| Lithium    | 6-1   | 382498   | 377939   | 373461   | 377966   | 1.20   | cps   |
| Magnesium  | 24-2  | 354892   | 353585   | 355428   | 354635   | 0.27   | cps   |
| Manganese  | 55-2  | 37906    | 37381    | 38243    | 37843    | 1.15   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-36-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:01:31  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 717      | 558      | 617      | 631      | 12.70  | cps   |
| Molybdenum | 95-1  | 217      | 333      | 267      | 272      | 21.50  | cps   |
| Molybdenum | 96-1  | 350      | 408      | 450      | 403      | 12.47  | cps   |
| Molybdenum | 97-1  | 200      | 150      | 183      | 178      | 14.32  | cps   |
| Molybdenum | 98-1  | 425      | 583      | 558      | 522      | 16.30  | cps   |
| Neodymium  | 150-1 | 80       | 73       | 93       | 82       | 12.39  | cps   |
| Neodymium  | 150-2 | 23       | 7        | 33       | 21       | 63.80  | cps   |
| Nickel     | 60-2  | 1420     | 1453     | 1607     | 1493     | 6.67   | cps   |
| Phosphorus | 31-2  | 5951     | 6602     | 6293     | 6282     | 5.18   | cps   |
| Potassium  | 39-2  | 206213   | 206425   | 207043   | 206560   | 0.21   | cps   |
| Rhodium    | 103-1 | 10393339 | 10392880 | 10425243 | 10403821 | 0.18   | cps   |
| Rhodium    | 103-2 | 5947840  | 5407715  | 5960009  | 5771855  | 5.46   | cps   |
| Scandium   | 45-1  | 5526908  | 5564994  | 5539626  | 5543843  | 0.35   | cps   |
| Scandium   | 45-2  | 331629   | 330105   | 335633   | 332456   | 0.86   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 152      | 131      | 122      | 135      | 11.21  | cps   |
| Selenium   | 82-1  | 211      | 105      | 162      | 159      | 33.38  | cps   |
| Silicon    | 28-1  | 5747315  | 5775497  | 5773251  | 5765354  | 0.27   | cps   |
| Silver     | 109-1 | 108      | 92       | 125      | 108      | 15.39  | cps   |
| Silver     | 107-1 | 108      | 158      | 175      | 147      | 23.57  | cps   |
| Sodium     | 23-2  | 5819519  | 5846457  | 5948530  | 5871502  | 1.16   | cps   |
| Strontium  | 86-1  | 76185    | 76446    | 79210    | 77280    | 2.17   | cps   |
| Strontium  | 88-1  | 670333   | 674628   | 678435   | 674465   | 0.60   | cps   |
| Sulfur     | 34-1  | 414291   | 413984   | 414887   | 414387   | 0.11   | cps   |
| Terbium    | 159-1 | 14101772 | 14148219 | 14319676 | 14189889 | 0.81   | cps   |
| Terbium    | 159-2 | 8665785  | 8664158  | 8803236  | 8711060  | 0.92   | cps   |
| Thallium   | 203-1 | 317      | 383      | 267      | 322      | 18.16  | cps   |
| Thallium   | 205-1 | 867      | 767      | 817      | 817      | 6.12   | cps   |
| Tin        | 118-1 | 1850     | 1775     | 1483     | 1703     | 11.38  | cps   |
| Titanium   | 47-1  | 842      | 1033     | 1059     | 978      | 12.13  | cps   |
| Uranium    | 238-1 | 375      | 458      | 442      | 425      | 10.38  | cps   |
| Vanadium   | 51-2  | 253      | 243      | 290      | 262      | 9.37   | cps   |
| Yttrium    | 89-1  | 11043700 | 11148809 | 11222808 | 11138439 | 0.81   | cps   |
| Yttrium    | 89-2  | 1915141  | 1915779  | 1916554  | 1915825  | 0.04   | cps   |
| Zinc       | 66-2  | 10314    | 10250    | 10294    | 10286    | 0.31   | cps   |
| Zirconium  | 90-1  | 1125     | 1250     | 1075     | 1150     | 7.84   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-36             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-36-FL3-CL306 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:01:31  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 242  | 325  | 269     | 17.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 192      | 142      | 150      | 161      | 16.63  | cps   |
| Antimony   | 121-1 | 83       | 108      | 125      | 106      | 19.87  | cps   |
| Arsenic    | 75-2  | 4        | 19       | 7        | 10       | 78.08  | cps   |
| Barium     | 135-1 | 42       | 42       | 58       | 47       | 20.38  | cps   |
| Barium     | 137-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Beryllium  | 9-1   | 22       | 11       | 17       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 8789232  | 8710409  | 8854615  | 8784752  | 0.82   | cps   |
| Bismuth    | 209-2 | 6081006  | 6044513  | 6085713  | 6070411  | 0.37   | cps   |
| Boron      | 10-1  | 67       | 50       | 100      | 72       | 35.25  | cps   |
| Boron      | 11-1  | 608      | 442      | 425      | 492      | 20.62  | cps   |
| Cadmium    | 111-1 | 3131     | 2896     | 3064     | 3031     | 3.99   | cps   |
| Cadmium    | 106-1 | 4476     | 4176     | 4376     | 4343     | 3.52   | cps   |
| Cadmium    | 108-1 | 8        | 50       | 17       | 25       | 88.19  | cps   |
| Calcium    | 43-1  | 1092     | 1092     | 1217     | 1133     | 6.37   | cps   |
| Calcium    | 44-1  | 41719    | 40908    | 40924    | 41184    | 1.13   | cps   |
| Chromium   | 52-2  | 2577     | 2384     | 2327     | 2429     | 5.40   | cps   |
| Cobalt     | 59-2  | 80       | 80       | 60       | 73       | 15.75  | cps   |
| Copper     | 63-2  | 1703     | 1707     | 1747     | 1719     | 1.40   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 8        | 14       | 69.31  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 25       | 33       | 33       | 31       | 15.74  | cps   |
| Erbium     | 164-2 | 10       | 23       | 40       | 24       | 61.49  | cps   |
| Gadolinium | 160-1 | 208      | 150      | 233      | 197      | 21.68  | cps   |
| Gadolinium | 160-2 | 160      | 133      | 190      | 161      | 17.60  | cps   |
| Holmium    | 165-1 | 13552860 | 13473672 | 13328823 | 13451785 | 0.84   | cps   |
| Holmium    | 165-2 | 8624384  | 8556793  | 8608901  | 8596693  | 0.41   | cps   |
| Indium     | 115-1 | 11125089 | 11034053 | 11150144 | 11103095 | 0.55   | cps   |
| Indium     | 115-2 | 2594607  | 2580713  | 2581762  | 2585694  | 0.30   | cps   |
| Iron       | 56-2  | 7196     | 7235     | 7563     | 7332     | 2.75   | cps   |
| Iron       | 57-2  | 361      | 400      | 378      | 380      | 5.14   | cps   |
| Lead       | 206-1 | 1156     | 1228     | 1217     | 1200     | 3.24   | cps   |
| Lead       | 207-1 | 1033     | 1061     | 1172     | 1089     | 6.75   | cps   |
| Lead       | 208-1 | 4645     | 4834     | 4884     | 4788     | 2.63   | cps   |
| Lithium    | 6-1   | 365591   | 360099   | 368353   | 364681   | 1.15   | cps   |
| Magnesium  | 24-2  | 283      | 292      | 100      | 225      | 48.15  | cps   |
| Manganese  | 55-2  | 77       | 117      | 70       | 88       | 28.75  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 183      | 208      | 217      | 17.63  | cps   |
| Molybdenum | 95-1  | 117      | 75       | 117      | 103      | 23.41  | cps   |
| Molybdenum | 96-1  | 108      | 117      | 92       | 106      | 12.06  | cps   |
| Molybdenum | 97-1  | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Molybdenum | 98-1  | 33       | 58       | 33       | 42       | 34.65  | cps   |
| Neodymium  | 150-1 | 13       | 7        | 13       | 11       | 34.61  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 80       | 87       | 110      | 92       | 17.08  | cps   |
| Phosphorus | 31-2  | 317      | 367      | 308      | 331      | 9.54   | cps   |
| Potassium  | 39-2  | 52444    | 52101    | 52929    | 52491    | 0.79   | cps   |
| Rhodium    | 103-1 | 10304515 | 10186891 | 10194780 | 10228729 | 0.64   | cps   |
| Rhodium    | 103-2 | 5926277  | 5899556  | 5936491  | 5920775  | 0.32   | cps   |
| Scandium   | 45-1  | 5483155  | 5403879  | 5411744  | 5432926  | 0.80   | cps   |
| Scandium   | 45-2  | 325989   | 328292   | 328855   | 327712   | 0.46   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 124      | 104      | 106      | 111      | 10.14  | cps   |
| Selenium   | 82-1  | 86       | 108      | 94       | 96       | 11.47  | cps   |
| Silicon    | 28-1  | 195825   | 196492   | 197109   | 196475   | 0.33   | cps   |
| Silver     | 109-1 | 83       | 108      | 117      | 103      | 16.88  | cps   |
| Silver     | 107-1 | 75       | 150      | 83       | 103      | 40.00  | cps   |
| Sodium     | 23-2  | 30574    | 29689    | 30156    | 30139    | 1.47   | cps   |
| Strontium  | 86-1  | 825      | 1033     | 983      | 947      | 11.48  | cps   |
| Strontium  | 88-1  | 642      | 450      | 508      | 533      | 18.42  | cps   |
| Sulfur     | 34-1  | 354189   | 352280   | 356466   | 354312   | 0.59   | cps   |
| Terbium    | 159-1 | 13891056 | 13807502 | 13848645 | 13849068 | 0.30   | cps   |
| Terbium    | 159-2 | 8652645  | 8489759  | 8608716  | 8583707  | 0.98   | cps   |
| Thallium   | 203-1 | 167      | 183      | 358      | 236      | 44.97  | cps   |
| Thallium   | 205-1 | 525      | 575      | 592      | 564      | 6.15   | cps   |
| Tin        | 118-1 | 858      | 1017     | 1192     | 1022     | 16.31  | cps   |
| Titanium   | 47-1  | 142      | 158      | 150      | 150      | 5.56   | cps   |
| Uranium    | 238-1 | 75       | 75       | 67       | 72       | 6.66   | cps   |
| Vanadium   | 51-2  | 7        | 33       | 30       | 23       | 62.26  | cps   |
| Yttrium    | 89-1  | 10930933 | 10973384 | 10910239 | 10938185 | 0.29   | cps   |
| Yttrium    | 89-2  | 1910255  | 1885836  | 1902940  | 1899677  | 0.66   | cps   |
| Zinc       | 66-2  | 210      | 287      | 280      | 259      | 16.40  | cps   |
| Zirconium  | 90-1  | 600      | 608      | 617      | 608      | 1.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:04:56 | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 158  | 100  | 125  | 128     | 22.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 225      | 208      | 175      | 203      | 12.55  | cps   |
| Antimony   | 121-1 | 133      | 133      | 117      | 128      | 7.53   | cps   |
| Arsenic    | 75-2  | 13       | 9        | 19       | 14       | 34.32  | cps   |
| Barium     | 135-1 | 142      | 75       | 150      | 122      | 33.64  | cps   |
| Barium     | 137-1 | 158      | 158      | 175      | 164      | 5.87   | cps   |
| Beryllium  | 9-1   | 28       | 17       | 0        | 15       | 94.37  | cps   |
| Bismuth    | 209-1 | 9018983  | 9036249  | 9017237  | 9024156  | 0.12   | cps   |
| Bismuth    | 209-2 | 6089899  | 6082449  | 6121740  | 6098029  | 0.34   | cps   |
| Boron      | 10-1  | 100      | 117      | 175      | 131      | 30.17  | cps   |
| Boron      | 11-1  | 608      | 617      | 608      | 611      | 0.79   | cps   |
| Cadmium    | 111-1 | 3240     | 3262     | 3152     | 3218     | 1.80   | cps   |
| Cadmium    | 106-1 | 4609     | 4634     | 4501     | 4582     | 1.55   | cps   |
| Cadmium    | 108-1 | 4        | 17       | 33       | 18       | 81.02  | cps   |
| Calcium    | 43-1  | 1642     | 1859     | 1942     | 1814     | 8.54   | cps   |
| Calcium    | 44-1  | 51884    | 53088    | 51800    | 52257    | 1.38   | cps   |
| Chromium   | 52-2  | 2364     | 2487     | 2327     | 2392     | 3.50   | cps   |
| Cobalt     | 59-2  | 117      | 110      | 103      | 110      | 6.06   | cps   |
| Copper     | 63-2  | 1767     | 1857     | 1763     | 1796     | 2.95   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 8        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 50       | 58       | 47       | 26.95  | cps   |
| Erbium     | 164-2 | 27       | 23       | 27       | 26       | 7.55   | cps   |
| Gadolinium | 160-1 | 167      | 125      | 167      | 153      | 15.74  | cps   |
| Gadolinium | 160-2 | 167      | 130      | 177      | 158      | 15.57  | cps   |
| Holmium    | 165-1 | 13704862 | 13532363 | 13492615 | 13576613 | 0.83   | cps   |
| Holmium    | 165-2 | 8492059  | 8590978  | 8647023  | 8576686  | 0.91   | cps   |
| Indium     | 115-1 | 11413265 | 11474588 | 11294790 | 11394214 | 0.80   | cps   |
| Indium     | 115-2 | 2588167  | 2599537  | 2603181  | 2596962  | 0.30   | cps   |
| Iron       | 56-2  | 8925     | 8881     | 8214     | 8673     | 4.60   | cps   |
| Iron       | 57-2  | 422      | 383      | 350      | 385      | 9.38   | cps   |
| Lead       | 206-1 | 5432505  | 5441272  | 5433487  | 5435755  | 0.09   | cps   |
| Lead       | 207-1 | 4894397  | 4917503  | 4907541  | 4906481  | 0.24   | cps   |
| Lead       | 208-1 | 23209641 | 23334432 | 23298001 | 23280691 | 0.28   | cps   |
| Lithium    | 6-1   | 369079   | 375378   | 368986   | 371148   | 0.99   | cps   |
| Magnesium  | 24-2  | 283      | 317      | 442      | 347      | 24.04  | cps   |
| Manganese  | 55-2  | 220      | 207      | 203      | 210      | 4.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 292      | 300      | 192      | 261      | 23.09  | cps   |
| Molybdenum | 95-1  | 25       | 92       | 17       | 44       | 92.49  | cps   |
| Molybdenum | 96-1  | 125      | 92       | 133      | 117      | 18.90  | cps   |
| Molybdenum | 97-1  | 33       | 33       | 25       | 31       | 15.75  | cps   |
| Molybdenum | 98-1  | 125      | 75       | 67       | 89       | 35.50  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 137      | 117      | 123      | 126      | 8.11   | cps   |
| Phosphorus | 31-2  | 367      | 342      | 333      | 347      | 5.00   | cps   |
| Potassium  | 39-2  | 53012    | 51064    | 51156    | 51744    | 2.12   | cps   |
| Rhodium    | 103-1 | 10419380 | 10490429 | 10385533 | 10431781 | 0.51   | cps   |
| Rhodium    | 103-2 | 5958331  | 5943673  | 5962876  | 5954960  | 0.17   | cps   |
| Scandium   | 45-1  | 5515490  | 5584002  | 5456895  | 5518796  | 1.15   | cps   |
| Scandium   | 45-2  | 329607   | 328036   | 329778   | 329141   | 0.29   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 102      | 96       | 78       | 92       | 13.70  | cps   |
| Selenium   | 82-1  | 105      | 192      | 221      | 172      | 35.04  | cps   |
| Silicon    | 28-1  | 203459   | 205654   | 204435   | 204516   | 0.54   | cps   |
| Silver     | 109-1 | 92       | 75       | 50       | 72       | 29.04  | cps   |
| Silver     | 107-1 | 217      | 117      | 117      | 150      | 38.49  | cps   |
| Sodium     | 23-2  | 31033    | 31292    | 30298    | 30874    | 1.67   | cps   |
| Strontium  | 86-1  | 1150     | 1050     | 1150     | 1117     | 5.17   | cps   |
| Strontium  | 88-1  | 1300     | 1292     | 1267     | 1286     | 1.35   | cps   |
| Sulfur     | 34-1  | 361151   | 364106   | 358611   | 361290   | 0.76   | cps   |
| Terbium    | 159-1 | 14282391 | 14084189 | 14011905 | 14126162 | 0.99   | cps   |
| Terbium    | 159-2 | 8672129  | 8668634  | 8661705  | 8667489  | 0.06   | cps   |
| Thallium   | 203-1 | 283      | 283      | 233      | 267      | 10.82  | cps   |
| Thallium   | 205-1 | 700      | 658      | 575      | 644      | 9.88   | cps   |
| Tin        | 118-1 | 983      | 1100     | 967      | 1017     | 7.15   | cps   |
| Titanium   | 47-1  | 175      | 158      | 125      | 153      | 16.66  | cps   |
| Uranium    | 238-1 | 83       | 92       | 117      | 97       | 17.84  | cps   |
| Vanadium   | 51-2  | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Yttrium    | 89-1  | 11213786 | 11174569 | 11103883 | 11164079 | 0.50   | cps   |
| Yttrium    | 89-2  | 1897594  | 1899528  | 1911512  | 1902878  | 0.40   | cps   |
| Zinc       | 66-2  | 1833     | 1890     | 1890     | 1871     | 1.75   | cps   |
| Zirconium  | 90-1  | 717      | 708      | 517      | 647      | 17.48  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101524BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101524BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:08:22 | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 117  | 150  | 117     | 28.57  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 167      | 108      | 142      | 21.21  | cps   |
| Antimony   | 121-1 | 125      | 158      | 142      | 142      | 11.76  | cps   |
| Arsenic    | 75-2  | 7        | 15       | 13       | 12       | 32.84  | cps   |
| Barium     | 135-1 | 50       | 17       | 83       | 50       | 66.67  | cps   |
| Barium     | 137-1 | 75       | 75       | 58       | 69       | 13.85  | cps   |
| Beryllium  | 9-1   | 11       | 33       | 6        | 17       | 88.17  | cps   |
| Bismuth    | 209-1 | 9056887  | 8870690  | 8954783  | 8960787  | 1.04   | cps   |
| Bismuth    | 209-2 | 6029443  | 6109547  | 6160162  | 6099718  | 1.08   | cps   |
| Boron      | 10-1  | 92       | 133      | 100      | 108      | 20.35  | cps   |
| Boron      | 11-1  | 517      | 583      | 625      | 575      | 9.50   | cps   |
| Cadmium    | 111-1 | 3133     | 3338     | 3159     | 3210     | 3.48   | cps   |
| Cadmium    | 106-1 | 4493     | 4759     | 4509     | 4587     | 3.26   | cps   |
| Cadmium    | 108-1 | 29       | 21       | 8        | 19       | 53.95  | cps   |
| Calcium    | 43-1  | 1525     | 1483     | 1433     | 1481     | 3.10   | cps   |
| Calcium    | 44-1  | 47979    | 47997    | 47929    | 47968    | 0.07   | cps   |
| Chromium   | 52-2  | 2260     | 2374     | 2377     | 2337     | 2.84   | cps   |
| Cobalt     | 59-2  | 110      | 140      | 77       | 109      | 29.09  | cps   |
| Copper     | 63-2  | 1677     | 1810     | 1697     | 1728     | 4.16   | cps   |
| Dysprosium | 156-1 | 25       | 8        | 0        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 50       | 42       | 42       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 17       | 20       | 20       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 167      | 92       | 125      | 128      | 29.41  | cps   |
| Gadolinium | 160-2 | 120      | 123      | 160      | 134      | 16.51  | cps   |
| Holmium    | 165-1 | 13672780 | 13328857 | 13491644 | 13497760 | 1.27   | cps   |
| Holmium    | 165-2 | 8515742  | 8594179  | 8692151  | 8600691  | 1.03   | cps   |
| Indium     | 115-1 | 11175586 | 11302183 | 11123786 | 11200518 | 0.82   | cps   |
| Indium     | 115-2 | 2571419  | 2594252  | 2623394  | 2596355  | 1.00   | cps   |
| Iron       | 56-2  | 7624     | 7558     | 7413     | 7532     | 1.43   | cps   |
| Iron       | 57-2  | 411      | 389      | 411      | 404      | 3.18   | cps   |
| Lead       | 206-1 | 5616933  | 5601832  | 5582354  | 5600373  | 0.31   | cps   |
| Lead       | 207-1 | 5072622  | 5070324  | 5054019  | 5065655  | 0.20   | cps   |
| Lead       | 208-1 | 24217169 | 23966929 | 24100663 | 24094920 | 0.52   | cps   |
| Lithium    | 6-1   | 373353   | 376061   | 370970   | 373461   | 0.68   | cps   |
| Magnesium  | 24-2  | 167      | 258      | 408      | 278      | 43.92  | cps   |
| Manganese  | 55-2  | 83       | 117      | 100      | 100      | 16.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 342      | 225      | 192      | 253      | 31.16  | cps   |
| Molybdenum | 95-1  | 108      | 42       | 108      | 86       | 44.70  | cps   |
| Molybdenum | 96-1  | 117      | 158      | 92       | 122      | 27.56  | cps   |
| Molybdenum | 97-1  | 17       | 42       | 50       | 36       | 48.03  | cps   |
| Molybdenum | 98-1  | 100      | 50       | 67       | 72       | 35.26  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 107      | 117      | 90       | 104      | 12.90  | cps   |
| Phosphorus | 31-2  | 350      | 367      | 317      | 344      | 7.39   | cps   |
| Potassium  | 39-2  | 50905    | 52151    | 52461    | 51839    | 1.59   | cps   |
| Rhodium    | 103-1 | 10426737 | 10447742 | 10432150 | 10435543 | 0.10   | cps   |
| Rhodium    | 103-2 | 5964556  | 5955227  | 6031355  | 5983712  | 0.69   | cps   |
| Scandium   | 45-1  | 5509546  | 5475395  | 5487940  | 5490960  | 0.31   | cps   |
| Scandium   | 45-2  | 328876   | 333316   | 329652   | 330615   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 137      | 130      | 111      | 126      | 10.61  | cps   |
| Selenium   | 82-1  | 192      | 119      | 130      | 147      | 26.65  | cps   |
| Silicon    | 28-1  | 220571   | 224324   | 224756   | 223217   | 1.03   | cps   |
| Silver     | 109-1 | 117      | 42       | 75       | 78       | 48.31  | cps   |
| Silver     | 107-1 | 108      | 75       | 117      | 100      | 22.05  | cps   |
| Sodium     | 23-2  | 29213    | 28754    | 28503    | 28823    | 1.25   | cps   |
| Strontium  | 86-1  | 1050     | 925      | 1225     | 1067     | 14.13  | cps   |
| Strontium  | 88-1  | 850      | 842      | 808      | 833      | 2.65   | cps   |
| Sulfur     | 34-1  | 367725   | 362774   | 360137   | 363545   | 1.06   | cps   |
| Terbium    | 159-1 | 13958293 | 13923822 | 13879483 | 13920532 | 0.28   | cps   |
| Terbium    | 159-2 | 8672683  | 8635162  | 8742548  | 8683464  | 0.63   | cps   |
| Thallium   | 203-1 | 167      | 183      | 142      | 164      | 12.80  | cps   |
| Thallium   | 205-1 | 392      | 375      | 475      | 414      | 12.94  | cps   |
| Tin        | 118-1 | 1092     | 1217     | 808      | 1039     | 20.15  | cps   |
| Titanium   | 47-1  | 108      | 175      | 183      | 156      | 26.43  | cps   |
| Uranium    | 238-1 | 58       | 117      | 50       | 75       | 48.43  | cps   |
| Vanadium   | 51-2  | 50       | 50       | 53       | 51       | 3.76   | cps   |
| Yttrium    | 89-1  | 11113870 | 11136152 | 11034912 | 11094978 | 0.48   | cps   |
| Yttrium    | 89-2  | 1883755  | 1893986  | 1907395  | 1895045  | 0.63   | cps   |
| Zinc       | 66-2  | 520      | 517      | 523      | 520      | 0.64   | cps   |
| Zirconium  | 90-1  | 825      | 775      | 767      | 789      | 4.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:11:47 | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 108  | 108  | 111     | 4.33   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 142      | 117      | 119      | 17.56  | cps   |
| Antimony   | 121-1 | 42       | 75       | 100      | 72       | 40.52  | cps   |
| Arsenic    | 75-2  | 15       | 17       | 9        | 14       | 28.39  | cps   |
| Barium     | 135-1 | 25       | 50       | 67       | 47       | 44.41  | cps   |
| Barium     | 137-1 | 92       | 67       | 8        | 56       | 76.98  | cps   |
| Beryllium  | 9-1   | 11       | 11       | 22       | 15       | 43.30  | cps   |
| Bismuth    | 209-1 | 8931560  | 8940649  | 8920749  | 8930986  | 0.11   | cps   |
| Bismuth    | 209-2 | 6146343  | 6149999  | 6149761  | 6148701  | 0.03   | cps   |
| Boron      | 10-1  | 100      | 50       | 67       | 72       | 35.26  | cps   |
| Boron      | 11-1  | 317      | 450      | 375      | 381      | 17.57  | cps   |
| Cadmium    | 111-1 | 3263     | 3198     | 3153     | 3205     | 1.72   | cps   |
| Cadmium    | 106-1 | 4684     | 4559     | 4509     | 4584     | 1.97   | cps   |
| Cadmium    | 108-1 | 29       | 8        | 17       | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 1100     | 967      | 917      | 995      | 9.53   | cps   |
| Calcium    | 44-1  | 41217    | 40666    | 39630    | 40504    | 1.99   | cps   |
| Chromium   | 52-2  | 2147     | 2334     | 2204     | 2228     | 4.30   | cps   |
| Cobalt     | 59-2  | 50       | 80       | 57       | 62       | 25.32  | cps   |
| Copper     | 63-2  | 1717     | 1710     | 1563     | 1663     | 5.21   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 10       | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 58       | 33       | 8        | 33       | 75.02  | cps   |
| Erbium     | 164-2 | 33       | 23       | 13       | 23       | 42.86  | cps   |
| Gadolinium | 160-1 | 117      | 175      | 175      | 156      | 21.65  | cps   |
| Gadolinium | 160-2 | 177      | 167      | 170      | 171      | 2.98   | cps   |
| Holmium    | 165-1 | 13503298 | 13551227 | 13459653 | 13504726 | 0.34   | cps   |
| Holmium    | 165-2 | 8737844  | 8769494  | 8695131  | 8734156  | 0.43   | cps   |
| Indium     | 115-1 | 11257870 | 11274514 | 11332018 | 11288134 | 0.34   | cps   |
| Indium     | 115-2 | 2632974  | 2601529  | 2613252  | 2615918  | 0.61   | cps   |
| Iron       | 56-2  | 6813     | 6741     | 6935     | 6830     | 1.44   | cps   |
| Iron       | 57-2  | 367      | 333      | 400      | 367      | 9.09   | cps   |
| Lead       | 206-1 | 1556     | 1656     | 1728     | 1646     | 5.25   | cps   |
| Lead       | 207-1 | 1500     | 1372     | 1450     | 1441     | 4.47   | cps   |
| Lead       | 208-1 | 6367     | 6506     | 6329     | 6401     | 1.46   | cps   |
| Lithium    | 6-1   | 370530   | 371651   | 374642   | 372274   | 0.57   | cps   |
| Magnesium  | 24-2  | 175      | 208      | 233      | 206      | 14.24  | cps   |
| Manganese  | 55-2  | 293      | 303      | 277      | 291      | 4.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 275      | 208      | 233      | 239      | 14.10  | cps   |
| Molybdenum | 95-1  | 25       | 42       | 67       | 44       | 47.19  | cps   |
| Molybdenum | 96-1  | 75       | 83       | 100      | 86       | 14.79  | cps   |
| Molybdenum | 97-1  | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Molybdenum | 98-1  | 117      | 100      | 33       | 83       | 52.92  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 97       | 90       | 73       | 87       | 13.87  | cps   |
| Phosphorus | 31-2  | 392      | 250      | 283      | 308      | 24.02  | cps   |
| Potassium  | 39-2  | 51875    | 51549    | 53054    | 52159    | 1.52   | cps   |
| Rhodium    | 103-1 | 10321475 | 10381583 | 10414009 | 10372356 | 0.45   | cps   |
| Rhodium    | 103-2 | 6076259  | 6066186  | 5474476  | 5872307  | 5.87   | cps   |
| Scandium   | 45-1  | 5511873  | 5546057  | 5574705  | 5544212  | 0.57   | cps   |
| Scandium   | 45-2  | 333758   | 333133   | 335175   | 334022   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 159      | 130      | 141      | 11.47  | cps   |
| Selenium   | 82-1  | 123      | 177      | 172      | 157      | 18.76  | cps   |
| Silicon    | 28-1  | 196517   | 196517   | 196736   | 196590   | 0.06   | cps   |
| Silver     | 109-1 | 100      | 75       | 67       | 81       | 21.54  | cps   |
| Silver     | 107-1 | 158      | 125      | 117      | 133      | 16.54  | cps   |
| Sodium     | 23-2  | 29388    | 28753    | 29062    | 29068    | 1.09   | cps   |
| Strontium  | 86-1  | 1083     | 1017     | 1083     | 1061     | 3.63   | cps   |
| Strontium  | 88-1  | 508      | 550      | 492      | 517      | 5.82   | cps   |
| Sulfur     | 34-1  | 366667   | 369670   | 367517   | 367951   | 0.42   | cps   |
| Terbium    | 159-1 | 14054237 | 14113939 | 14013521 | 14060565 | 0.36   | cps   |
| Terbium    | 159-2 | 8844989  | 8693070  | 8669587  | 8735882  | 1.09   | cps   |
| Thallium   | 203-1 | 158      | 125      | 133      | 139      | 12.49  | cps   |
| Thallium   | 205-1 | 342      | 392      | 225      | 319      | 26.77  | cps   |
| Tin        | 118-1 | 983      | 1025     | 875      | 961      | 8.06   | cps   |
| Titanium   | 47-1  | 167      | 150      | 158      | 158      | 5.26   | cps   |
| Uranium    | 238-1 | 33       | 58       | 67       | 53       | 32.88  | cps   |
| Vanadium   | 51-2  | 30       | 17       | 20       | 22       | 31.22  | cps   |
| Yttrium    | 89-1  | 11081786 | 11137380 | 11030907 | 11083358 | 0.48   | cps   |
| Yttrium    | 89-2  | 1924609  | 1918449  | 1918110  | 1920389  | 0.19   | cps   |
| Zinc       | 66-2  | 200      | 157      | 213      | 190      | 15.59  | cps   |
| Zirconium  | 90-1  | 550      | 567      | 650      | 589      | 9.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB03               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB03               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:15:12 | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 58   | 158  | 103     | 49.54  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-01 Instrumnet Name : P7  
 Client Sample ID : DC747-01-FL1-CL1-W2-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:18:38 DataFile Name : 066SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 5193     | 5143     | 5176     | 5171     | 0.49   | cps   |
| Antimony   | 121-1 | 7886     | 8228     | 7861     | 7992     | 2.56   | cps   |
| Arsenic    | 75-2  | 176      | 172      | 207      | 185      | 10.44  | cps   |
| Barium     | 135-1 | 52107    | 51806    | 51338    | 51750    | 0.75   | cps   |
| Barium     | 137-1 | 89228    | 92400    | 88986    | 90205    | 2.11   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 8900582  | 8911214  | 8931361  | 8914386  | 0.18   | cps   |
| Bismuth    | 209-2 | 6118103  | 6145646  | 6139519  | 6134422  | 0.24   | cps   |
| Boron      | 10-1  | 533      | 483      | 633      | 550      | 13.89  | cps   |
| Boron      | 11-1  | 2817     | 2867     | 3100     | 2928     | 5.16   | cps   |
| Cadmium    | 111-1 | 2973     | 3367     | 3241     | 3194     | 6.31   | cps   |
| Cadmium    | 106-1 | 4218     | 4784     | 4601     | 4534     | 6.38   | cps   |
| Cadmium    | 108-1 | 42       | 33       | 13       | 29       | 51.51  | cps   |
| Calcium    | 43-1  | 171932   | 170582   | 170404   | 170973   | 0.49   | cps   |
| Calcium    | 44-1  | 2847806  | 2808432  | 2805118  | 2820452  | 0.84   | cps   |
| Chromium   | 52-2  | 3611     | 3420     | 3207     | 3413     | 5.91   | cps   |
| Cobalt     | 59-2  | 387      | 317      | 327      | 343      | 11.03  | cps   |
| Copper     | 63-2  | 1295255  | 1310334  | 1302968  | 1302852  | 0.58   | cps   |
| Dysprosium | 156-1 | 58       | 75       | 108      | 81       | 31.60  | cps   |
| Dysprosium | 156-2 | 33       | 43       | 33       | 37       | 15.75  | cps   |
| Erbium     | 164-1 | 108      | 183      | 108      | 133      | 32.47  | cps   |
| Erbium     | 164-2 | 33       | 57       | 67       | 52       | 32.76  | cps   |
| Gadolinium | 160-1 | 242      | 208      | 275      | 242      | 13.80  | cps   |
| Gadolinium | 160-2 | 203      | 160      | 183      | 182      | 11.90  | cps   |
| Holmium    | 165-1 | 13850306 | 13757463 | 13636915 | 13748228 | 0.78   | cps   |
| Holmium    | 165-2 | 8764209  | 8747383  | 8670514  | 8727369  | 0.57   | cps   |
| Indium     | 115-1 | 11281223 | 11287331 | 11250384 | 11272979 | 0.18   | cps   |
| Indium     | 115-2 | 2626745  | 2611112  | 2618542  | 2618799  | 0.30   | cps   |
| Iron       | 56-2  | 91361    | 92922    | 93610    | 92631    | 1.24   | cps   |
| Iron       | 57-2  | 5723     | 3045     | 3062     | 3943     | 39.09  | cps   |
| Lead       | 206-1 | 7224     | 7113     | 7013     | 7117     | 1.48   | cps   |
| Lead       | 207-1 | 6202     | 6268     | 6013     | 6161     | 2.15   | cps   |
| Lead       | 208-1 | 29859    | 28396    | 28001    | 28752    | 3.40   | cps   |
| Lithium    | 6-1   | 377121   | 371387   | 374906   | 374471   | 0.77   | cps   |
| Magnesium  | 24-2  | 353462   | 354533   | 354963   | 354319   | 0.22   | cps   |
| Manganese  | 55-2  | 36863    | 36328    | 35844    | 36345    | 1.40   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-01-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:18:38   | DataFile Name :   | 066SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 758      | 767      | 731      | 7.60   | cps   |
| Molybdenum | 95-1  | 300      | 283      | 283      | 289      | 3.33   | cps   |
| Molybdenum | 96-1  | 442      | 500      | 467      | 469      | 6.23   | cps   |
| Molybdenum | 97-1  | 133      | 150      | 133      | 139      | 6.93   | cps   |
| Molybdenum | 98-1  | 450      | 533      | 467      | 483      | 9.12   | cps   |
| Neodymium  | 150-1 | 60       | 80       | 33       | 58       | 40.53  | cps   |
| Neodymium  | 150-2 | 47       | 27       | 30       | 34       | 31.11  | cps   |
| Nickel     | 60-2  | 4617     | 4617     | 4557     | 4597     | 0.75   | cps   |
| Phosphorus | 31-2  | 5726     | 5218     | 5218     | 5387     | 5.45   | cps   |
| Potassium  | 39-2  | 206054   | 204163   | 206494   | 205570   | 0.60   | cps   |
| Rhodium    | 103-1 | 10401438 | 10512238 | 10404583 | 10439420 | 0.60   | cps   |
| Rhodium    | 103-2 | 6023750  | 6012317  | 6019753  | 6018606  | 0.10   | cps   |
| Scandium   | 45-1  | 5569029  | 5559548  | 5461266  | 5529948  | 1.08   | cps   |
| Scandium   | 45-2  | 332038   | 334292   | 335403   | 333911   | 0.51   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 135      | 144      | 131      | 137      | 4.87   | cps   |
| Selenium   | 82-1  | 181      | 232      | 196      | 203      | 13.03  | cps   |
| Silicon    | 28-1  | 5634509  | 5619685  | 5762608  | 5672267  | 1.39   | cps   |
| Silver     | 109-1 | 117      | 150      | 100      | 122      | 20.83  | cps   |
| Silver     | 107-1 | 225      | 225      | 208      | 219      | 4.39   | cps   |
| Sodium     | 23-2  | 6011912  | 6022980  | 5952903  | 5995932  | 0.63   | cps   |
| Strontium  | 86-1  | 77192    | 75365    | 78255    | 76937    | 1.90   | cps   |
| Strontium  | 88-1  | 664611   | 660149   | 665970   | 663577   | 0.46   | cps   |
| Sulfur     | 34-1  | 425723   | 424109   | 427456   | 425763   | 0.39   | cps   |
| Terbium    | 159-1 | 13929373 | 14118962 | 14093216 | 14047184 | 0.73   | cps   |
| Terbium    | 159-2 | 8768094  | 8759685  | 8741077  | 8756285  | 0.16   | cps   |
| Thallium   | 203-1 | 275      | 267      | 283      | 275      | 3.03   | cps   |
| Thallium   | 205-1 | 742      | 642      | 800      | 728      | 11.00  | cps   |
| Tin        | 118-1 | 2017     | 2017     | 1867     | 1967     | 4.40   | cps   |
| Titanium   | 47-1  | 850      | 833      | 3395     | 1693     | 87.09  | cps   |
| Uranium    | 238-1 | 425      | 408      | 475      | 436      | 7.96   | cps   |
| Vanadium   | 51-2  | 250      | 223      | 283      | 252      | 11.92  | cps   |
| Yttrium    | 89-1  | 11100249 | 11115127 | 11126029 | 11113802 | 0.12   | cps   |
| Yttrium    | 89-2  | 1934375  | 1918024  | 1917347  | 1923249  | 0.50   | cps   |
| Zinc       | 66-2  | 144819   | 148140   | 147830   | 146930   | 1.25   | cps   |
| Zirconium  | 90-1  | 1900     | 1650     | 1492     | 1681     | 12.25  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-01              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-01-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:18:38   | DataFile Name :   | 066SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 358  | 325  | 333     | 6.61   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-02-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:22:03   | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1367     | 1483     | 1317     | 1389     | 6.16   | cps   |
| Antimony   | 121-1 | 1025     | 942      | 917      | 961      | 5.90   | cps   |
| Arsenic    | 75-2  | 174      | 231      | 191      | 199      | 14.86  | cps   |
| Barium     | 135-1 | 52801    | 53069    | 54181    | 53351    | 1.37   | cps   |
| Barium     | 137-1 | 93472    | 91627    | 93716    | 92938    | 1.23   | cps   |
| Beryllium  | 9-1   | 11       | 17       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 9053600  | 8962864  | 8975973  | 8997479  | 0.55   | cps   |
| Bismuth    | 209-2 | 6171250  | 6164198  | 6187866  | 6174438  | 0.20   | cps   |
| Boron      | 10-1  | 608      | 575      | 483      | 556      | 11.65  | cps   |
| Boron      | 11-1  | 2892     | 3084     | 3342     | 3106     | 7.27   | cps   |
| Cadmium    | 111-1 | 3103     | 2953     | 2686     | 2914     | 7.25   | cps   |
| Cadmium    | 106-1 | 4401     | 4192     | 3826     | 4140     | 7.03   | cps   |
| Cadmium    | 108-1 | 4        | 21       | 13       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 172806   | 173170   | 171204   | 172394   | 0.61   | cps   |
| Calcium    | 44-1  | 2807852  | 2803883  | 2835906  | 2815880  | 0.62   | cps   |
| Chromium   | 52-2  | 3460     | 3744     | 3677     | 3627     | 4.09   | cps   |
| Cobalt     | 59-2  | 150      | 177      | 157      | 161      | 8.61   | cps   |
| Copper     | 63-2  | 1376838  | 1378000  | 1380649  | 1378496  | 0.14   | cps   |
| Dysprosium | 156-1 | 75       | 42       | 25       | 47       | 53.91  | cps   |
| Dysprosium | 156-2 | 33       | 37       | 60       | 43       | 33.53  | cps   |
| Erbium     | 164-1 | 50       | 108      | 83       | 81       | 36.33  | cps   |
| Erbium     | 164-2 | 30       | 57       | 57       | 48       | 32.23  | cps   |
| Gadolinium | 160-1 | 242      | 308      | 167      | 239      | 29.67  | cps   |
| Gadolinium | 160-2 | 200      | 187      | 187      | 191      | 4.03   | cps   |
| Holmium    | 165-1 | 13772945 | 13704999 | 13740954 | 13739633 | 0.25   | cps   |
| Holmium    | 165-2 | 8832317  | 8768377  | 8779457  | 8793383  | 0.39   | cps   |
| Indium     | 115-1 | 11260252 | 11461716 | 11331354 | 11351107 | 0.90   | cps   |
| Indium     | 115-2 | 2619145  | 2633732  | 2651217  | 2634698  | 0.61   | cps   |
| Iron       | 56-2  | 69947    | 68863    | 70299    | 69703    | 1.07   | cps   |
| Iron       | 57-2  | 2750     | 2656     | 2445     | 2617     | 5.98   | cps   |
| Lead       | 206-1 | 1967     | 2045     | 2306     | 2106     | 8.43   | cps   |
| Lead       | 207-1 | 1884     | 1822     | 1928     | 1878     | 2.82   | cps   |
| Lead       | 208-1 | 8824     | 8646     | 8840     | 8770     | 1.23   | cps   |
| Lithium    | 6-1   | 374916   | 372311   | 378621   | 375283   | 0.84   | cps   |
| Magnesium  | 24-2  | 356957   | 356711   | 358571   | 357413   | 0.28   | cps   |
| Manganese  | 55-2  | 24911    | 23779    | 24641    | 24444    | 2.42   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-02-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:22:03   | DataFile Name :   | 067SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 608      | 617      | 619      | 2.05   | cps   |
| Molybdenum | 95-1  | 267      | 317      | 225      | 269      | 17.03  | cps   |
| Molybdenum | 96-1  | 383      | 417      | 425      | 408      | 5.40   | cps   |
| Molybdenum | 97-1  | 242      | 175      | 150      | 189      | 25.09  | cps   |
| Molybdenum | 98-1  | 458      | 508      | 392      | 453      | 12.93  | cps   |
| Neodymium  | 150-1 | 40       | 40       | 13       | 31       | 49.50  | cps   |
| Neodymium  | 150-2 | 30       | 43       | 37       | 37       | 18.18  | cps   |
| Nickel     | 60-2  | 720      | 650      | 643      | 671      | 6.33   | cps   |
| Phosphorus | 31-2  | 5993     | 6185     | 5893     | 6024     | 2.46   | cps   |
| Potassium  | 39-2  | 206031   | 208405   | 208555   | 207664   | 0.68   | cps   |
| Rhodium    | 103-1 | 10434993 | 10350275 | 10367455 | 10384241 | 0.43   | cps   |
| Rhodium    | 103-2 | 5977795  | 6044629  | 6085134  | 6035853  | 0.90   | cps   |
| Scandium   | 45-1  | 5557624  | 5571269  | 5545944  | 5558279  | 0.23   | cps   |
| Scandium   | 45-2  | 332349   | 335992   | 336943   | 335095   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 154      | 137      | 135      | 142      | 7.18   | cps   |
| Selenium   | 82-1  | 153      | 150      | 229      | 177      | 25.31  | cps   |
| Silicon    | 28-1  | 5710356  | 5604534  | 5743434  | 5686108  | 1.28   | cps   |
| Silver     | 109-1 | 150      | 125      | 150      | 142      | 10.19  | cps   |
| Silver     | 107-1 | 200      | 200      | 208      | 203      | 2.37   | cps   |
| Sodium     | 23-2  | 6083223  | 6104724  | 6082724  | 6090223  | 0.21   | cps   |
| Strontium  | 86-1  | 76923    | 78448    | 77937    | 77769    | 1.00   | cps   |
| Strontium  | 88-1  | 682778   | 680385   | 680601   | 681255   | 0.19   | cps   |
| Sulfur     | 34-1  | 421383   | 421367   | 416671   | 419807   | 0.65   | cps   |
| Terbium    | 159-1 | 14106482 | 14177991 | 14266366 | 14183613 | 0.56   | cps   |
| Terbium    | 159-2 | 8783209  | 8809773  | 8865500  | 8819494  | 0.48   | cps   |
| Thallium   | 203-1 | 292      | 317      | 325      | 311      | 5.58   | cps   |
| Thallium   | 205-1 | 683      | 808      | 825      | 772      | 10.03  | cps   |
| Tin        | 118-1 | 1233     | 1400     | 1400     | 1345     | 7.16   | cps   |
| Titanium   | 47-1  | 642      | 700      | 892      | 744      | 17.57  | cps   |
| Uranium    | 238-1 | 542      | 500      | 450      | 497      | 9.23   | cps   |
| Vanadium   | 51-2  | 230      | 260      | 233      | 241      | 6.82   | cps   |
| Yttrium    | 89-1  | 11158727 | 11192136 | 11148789 | 11166551 | 0.20   | cps   |
| Yttrium    | 89-2  | 1936807  | 1931918  | 1944210  | 1937645  | 0.32   | cps   |
| Zinc       | 66-2  | 5371     | 5391     | 5151     | 5304     | 2.51   | cps   |
| Zirconium  | 90-1  | 1317     | 1283     | 1275     | 1292     | 1.71   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-02              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-02-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:22:03   | DataFile Name :   | 067SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 242  | 250  | 236     | 7.35   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-03-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:25:27   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19630    | 18746    | 19948    | 19441    | 3.20   | cps   |
| Antimony   | 121-1 | 11222    | 10563    | 11005    | 10930    | 3.07   | cps   |
| Arsenic    | 75-2  | 193      | 233      | 207      | 211      | 9.77   | cps   |
| Barium     | 135-1 | 52157    | 52425    | 51078    | 51887    | 1.37   | cps   |
| Barium     | 137-1 | 87877    | 87115    | 90242    | 88412    | 1.84   | cps   |
| Beryllium  | 9-1   | 11       | 17       | 28       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 8965125  | 8908425  | 8952645  | 8942065  | 0.33   | cps   |
| Bismuth    | 209-2 | 6137890  | 6124580  | 6152784  | 6138418  | 0.23   | cps   |
| Boron      | 10-1  | 750      | 692      | 567      | 669      | 13.99  | cps   |
| Boron      | 11-1  | 3292     | 3009     | 3050     | 3117     | 4.91   | cps   |
| Cadmium    | 111-1 | 3174     | 3195     | 3112     | 3160     | 1.37   | cps   |
| Cadmium    | 106-1 | 4468     | 4543     | 4459     | 4490     | 1.02   | cps   |
| Cadmium    | 108-1 | 17       | 50       | 38       | 35       | 48.49  | cps   |
| Calcium    | 43-1  | 178649   | 175345   | 174664   | 176219   | 1.21   | cps   |
| Calcium    | 44-1  | 2894462  | 2886381  | 2875926  | 2885590  | 0.32   | cps   |
| Chromium   | 52-2  | 3400     | 3357     | 3364     | 3374     | 0.69   | cps   |
| Cobalt     | 59-2  | 470      | 510      | 520      | 500      | 5.29   | cps   |
| Copper     | 63-2  | 1309899  | 1299902  | 1310455  | 1306752  | 0.45   | cps   |
| Dysprosium | 156-1 | 92       | 117      | 42       | 83       | 45.82  | cps   |
| Dysprosium | 156-2 | 57       | 47       | 53       | 52       | 9.75   | cps   |
| Erbium     | 164-1 | 150      | 58       | 75       | 94       | 51.70  | cps   |
| Erbium     | 164-2 | 100      | 37       | 50       | 62       | 53.66  | cps   |
| Gadolinium | 160-1 | 267      | 242      | 250      | 253      | 5.04   | cps   |
| Gadolinium | 160-2 | 180      | 180      | 233      | 198      | 15.57  | cps   |
| Holmium    | 165-1 | 13506405 | 13735710 | 13608592 | 13616902 | 0.84   | cps   |
| Holmium    | 165-2 | 8802725  | 8714842  | 8746389  | 8754652  | 0.51   | cps   |
| Indium     | 115-1 | 11305651 | 11302371 | 11252506 | 11286843 | 0.26   | cps   |
| Indium     | 115-2 | 2604892  | 2610314  | 2630702  | 2615303  | 0.52   | cps   |
| Iron       | 56-2  | 102847   | 100934   | 101454   | 101745   | 0.97   | cps   |
| Iron       | 57-2  | 2873     | 3267     | 3417     | 3186     | 8.83   | cps   |
| Lead       | 206-1 | 5707     | 5362     | 5724     | 5598     | 3.64   | cps   |
| Lead       | 207-1 | 4984     | 4990     | 4801     | 4925     | 2.18   | cps   |
| Lead       | 208-1 | 22208    | 22825    | 22586    | 22540    | 1.38   | cps   |
| Lithium    | 6-1   | 370767   | 369910   | 363686   | 368121   | 1.05   | cps   |
| Magnesium  | 24-2  | 359023   | 357325   | 358956   | 358435   | 0.27   | cps   |
| Manganese  | 55-2  | 37251    | 35911    | 36452    | 36538    | 1.84   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-03-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:25:27   | DataFile Name :   | 068SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 658      | 608      | 647      | 5.36   | cps   |
| Molybdenum | 95-1  | 392      | 317      | 233      | 314      | 25.23  | cps   |
| Molybdenum | 96-1  | 292      | 417      | 325      | 344      | 18.79  | cps   |
| Molybdenum | 97-1  | 83       | 192      | 150      | 142      | 38.57  | cps   |
| Molybdenum | 98-1  | 500      | 483      | 392      | 458      | 12.73  | cps   |
| Neodymium  | 150-1 | 73       | 73       | 80       | 76       | 5.09   | cps   |
| Neodymium  | 150-2 | 33       | 20       | 20       | 24       | 31.49  | cps   |
| Nickel     | 60-2  | 3847     | 4077     | 3921     | 3948     | 2.98   | cps   |
| Phosphorus | 31-2  | 5618     | 5876     | 5701     | 5732     | 2.30   | cps   |
| Potassium  | 39-2  | 205978   | 203832   | 209535   | 206448   | 1.40   | cps   |
| Rhodium    | 103-1 | 10375261 | 10409244 | 10406642 | 10397049 | 0.18   | cps   |
| Rhodium    | 103-2 | 5969013  | 6024321  | 6014236  | 6002523  | 0.49   | cps   |
| Scandium   | 45-1  | 5573162  | 5541251  | 5539968  | 5551460  | 0.34   | cps   |
| Scandium   | 45-2  | 334327   | 332860   | 336578   | 334588   | 0.56   | cps   |
| Selenium   | 77-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 130      | 141      | 139      | 136      | 4.36   | cps   |
| Selenium   | 82-1  | 242      | 131      | 269      | 214      | 33.97  | cps   |
| Silicon    | 28-1  | 5788112  | 5737026  | 5785306  | 5770148  | 0.50   | cps   |
| Silver     | 109-1 | 125      | 133      | 117      | 125      | 6.67   | cps   |
| Silver     | 107-1 | 175      | 158      | 167      | 167      | 5.00   | cps   |
| Sodium     | 23-2  | 6099502  | 6126240  | 6096918  | 6107553  | 0.27   | cps   |
| Strontium  | 86-1  | 75641    | 77158    | 75834    | 76211    | 1.08   | cps   |
| Strontium  | 88-1  | 665222   | 671751   | 666263   | 667745   | 0.53   | cps   |
| Sulfur     | 34-1  | 421805   | 422896   | 424565   | 423089   | 0.33   | cps   |
| Terbium    | 159-1 | 14034524 | 14124502 | 14132755 | 14097260 | 0.39   | cps   |
| Terbium    | 159-2 | 8799060  | 8781775  | 8812310  | 8797715  | 0.17   | cps   |
| Thallium   | 203-1 | 292      | 317      | 358      | 322      | 10.45  | cps   |
| Thallium   | 205-1 | 867      | 808      | 650      | 775      | 14.47  | cps   |
| Tin        | 118-1 | 3367     | 3075     | 3317     | 3253     | 4.80   | cps   |
| Titanium   | 47-1  | 958      | 967      | 908      | 945      | 3.34   | cps   |
| Uranium    | 238-1 | 542      | 542      | 717      | 600      | 16.84  | cps   |
| Vanadium   | 51-2  | 327      | 257      | 277      | 287      | 12.58  | cps   |
| Yttrium    | 89-1  | 11082818 | 11135782 | 11023834 | 11080811 | 0.51   | cps   |
| Yttrium    | 89-2  | 1900976  | 1914660  | 1936464  | 1917367  | 0.93   | cps   |
| Zinc       | 66-2  | 162705   | 162547   | 166019   | 163757   | 1.20   | cps   |
| Zirconium  | 90-1  | 1475     | 1825     | 1292     | 1531     | 17.71  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-03              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-03-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:25:27   | DataFile Name :   | 068SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 317  | 292  | 300     | 4.81   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-04-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:28:52   | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1759     | 2175     | 1875     | 1936     | 11.11  | cps   |
| Antimony   | 121-1 | 1875     | 1792     | 1684     | 1784     | 5.39   | cps   |
| Arsenic    | 75-2  | 196      | 189      | 183      | 190      | 3.43   | cps   |
| Barium     | 135-1 | 52693    | 52960    | 50752    | 52135    | 2.31   | cps   |
| Barium     | 137-1 | 87225    | 91962    | 90368    | 89852    | 2.68   | cps   |
| Beryllium  | 9-1   | 22       | 28       | 11       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 9049474  | 9119977  | 9010615  | 9060022  | 0.61   | cps   |
| Bismuth    | 209-2 | 6175106  | 6117718  | 6096631  | 6129818  | 0.66   | cps   |
| Boron      | 10-1  | 575      | 617      | 492      | 561      | 11.34  | cps   |
| Boron      | 11-1  | 2792     | 3317     | 2900     | 3003     | 9.23   | cps   |
| Cadmium    | 111-1 | 3011     | 3037     | 2754     | 2934     | 5.33   | cps   |
| Cadmium    | 106-1 | 4276     | 4318     | 3926     | 4173     | 5.16   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 33       | 19       | 65.47  | cps   |
| Calcium    | 43-1  | 172090   | 172293   | 171493   | 171959   | 0.24   | cps   |
| Calcium    | 44-1  | 2833985  | 2841893  | 2807787  | 2827889  | 0.63   | cps   |
| Chromium   | 52-2  | 3774     | 3657     | 3591     | 3674     | 2.53   | cps   |
| Cobalt     | 59-2  | 207      | 193      | 230      | 210      | 8.84   | cps   |
| Copper     | 63-2  | 1182064  | 1165524  | 1163932  | 1170507  | 0.86   | cps   |
| Dysprosium | 156-1 | 58       | 42       | 58       | 53       | 18.23  | cps   |
| Dysprosium | 156-2 | 50       | 33       | 37       | 40       | 22.05  | cps   |
| Erbium     | 164-1 | 92       | 42       | 67       | 67       | 37.50  | cps   |
| Erbium     | 164-2 | 60       | 43       | 53       | 52       | 16.07  | cps   |
| Gadolinium | 160-1 | 200      | 267      | 175      | 214      | 22.15  | cps   |
| Gadolinium | 160-2 | 197      | 190      | 233      | 207      | 11.29  | cps   |
| Holmium    | 165-1 | 13863250 | 13624439 | 13609758 | 13699149 | 1.04   | cps   |
| Holmium    | 165-2 | 8784958  | 8776905  | 8754388  | 8772084  | 0.18   | cps   |
| Indium     | 115-1 | 11480420 | 11389018 | 11472803 | 11447414 | 0.44   | cps   |
| Indium     | 115-2 | 2644113  | 2601707  | 2604811  | 2616877  | 0.90   | cps   |
| Iron       | 56-2  | 77951    | 79247    | 85320    | 80839    | 4.87   | cps   |
| Iron       | 57-2  | 2661     | 2584     | 2700     | 2649     | 2.25   | cps   |
| Lead       | 206-1 | 2128     | 2228     | 2484     | 2280     | 8.04   | cps   |
| Lead       | 207-1 | 1956     | 1967     | 2228     | 2050     | 7.52   | cps   |
| Lead       | 208-1 | 9196     | 9296     | 9746     | 9413     | 3.11   | cps   |
| Lithium    | 6-1   | 373201   | 376586   | 372407   | 374065   | 0.59   | cps   |
| Magnesium  | 24-2  | 358540   | 352420   | 348918   | 353293   | 1.38   | cps   |
| Manganese  | 55-2  | 28037    | 28431    | 27730    | 28066    | 1.25   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-04-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:28:52   | DataFile Name :   | 069SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 725      | 742      | 675      | 714      | 4.86   | cps   |
| Molybdenum | 95-1  | 300      | 308      | 333      | 314      | 5.53   | cps   |
| Molybdenum | 96-1  | 433      | 625      | 475      | 511      | 19.72  | cps   |
| Molybdenum | 97-1  | 233      | 192      | 208      | 211      | 9.93   | cps   |
| Molybdenum | 98-1  | 717      | 492      | 383      | 531      | 32.05  | cps   |
| Neodymium  | 150-1 | 87       | 87       | 47       | 73       | 31.49  | cps   |
| Neodymium  | 150-2 | 33       | 17       | 20       | 23       | 37.78  | cps   |
| Nickel     | 60-2  | 877      | 797      | 860      | 844      | 5.00   | cps   |
| Phosphorus | 31-2  | 5685     | 5976     | 5610     | 5757     | 3.37   | cps   |
| Potassium  | 39-2  | 208687   | 205141   | 205337   | 206389   | 0.97   | cps   |
| Rhodium    | 103-1 | 10498287 | 10521371 | 10458505 | 10492721 | 0.30   | cps   |
| Rhodium    | 103-2 | 6051659  | 5969960  | 5948453  | 5990024  | 0.91   | cps   |
| Scandium   | 45-1  | 5574045  | 5563354  | 5547280  | 5561559  | 0.24   | cps   |
| Scandium   | 45-2  | 334861   | 332005   | 331276   | 332714   | 0.57   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 143      | 122      | 135      | 133      | 7.74   | cps   |
| Selenium   | 82-1  | 233      | 249      | 133      | 205      | 30.64  | cps   |
| Silicon    | 28-1  | 5625259  | 5616626  | 5686763  | 5642883  | 0.68   | cps   |
| Silver     | 109-1 | 117      | 125      | 200      | 147      | 31.17  | cps   |
| Silver     | 107-1 | 158      | 183      | 158      | 167      | 8.66   | cps   |
| Sodium     | 23-2  | 6083977  | 6013372  | 5973162  | 6023504  | 0.93   | cps   |
| Strontium  | 86-1  | 76395    | 77535    | 78231    | 77387    | 1.20   | cps   |
| Strontium  | 88-1  | 672059   | 675390   | 674359   | 673936   | 0.25   | cps   |
| Sulfur     | 34-1  | 416052   | 419458   | 423506   | 419672   | 0.89   | cps   |
| Terbium    | 159-1 | 14214974 | 14110036 | 14286652 | 14203888 | 0.63   | cps   |
| Terbium    | 159-2 | 8900650  | 8717761  | 8733965  | 8784125  | 1.15   | cps   |
| Thallium   | 203-1 | 358      | 367      | 342      | 356      | 3.58   | cps   |
| Thallium   | 205-1 | 758      | 783      | 725      | 756      | 3.87   | cps   |
| Tin        | 118-1 | 1775     | 1734     | 1367     | 1625     | 13.83  | cps   |
| Titanium   | 47-1  | 842      | 892      | 883      | 872      | 3.07   | cps   |
| Uranium    | 238-1 | 642      | 525      | 617      | 594      | 10.33  | cps   |
| Vanadium   | 51-2  | 227      | 320      | 233      | 260      | 20.03  | cps   |
| Yttrium    | 89-1  | 11207843 | 11311714 | 11246240 | 11255266 | 0.47   | cps   |
| Yttrium    | 89-2  | 1948690  | 1932003  | 1908682  | 1929791  | 1.04   | cps   |
| Zinc       | 66-2  | 9400     | 9490     | 9056     | 9315     | 2.46   | cps   |
| Zirconium  | 90-1  | 1550     | 1283     | 1675     | 1503     | 13.31  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-04              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-04-FL1-CL1-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:28:52   | DataFile Name :   | 069SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 283  | 317  | 283     | 11.77  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-05-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:32:17  | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 130507   | 128591   | 130055   | 129718   | 0.77   | cps   |
| Antimony   | 121-1 | 2167     | 2134     | 2409     | 2236     | 6.71   | cps   |
| Arsenic    | 75-2  | 224      | 181      | 187      | 198      | 11.72  | cps   |
| Barium     | 135-1 | 54215    | 54382    | 52969    | 53855    | 1.43   | cps   |
| Barium     | 137-1 | 92650    | 91099    | 93925    | 92558    | 1.53   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 28       | 26       | 12.38  | cps   |
| Bismuth    | 209-1 | 9178182  | 9149309  | 9096132  | 9141207  | 0.46   | cps   |
| Bismuth    | 209-2 | 6228982  | 6266400  | 6253547  | 6249643  | 0.30   | cps   |
| Boron      | 10-1  | 533      | 575      | 550      | 553      | 3.79   | cps   |
| Boron      | 11-1  | 3492     | 3317     | 3567     | 3459     | 3.71   | cps   |
| Cadmium    | 111-1 | 3209     | 3367     | 3343     | 3306     | 2.58   | cps   |
| Cadmium    | 106-1 | 4551     | 4751     | 4734     | 4679     | 2.37   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 42       | 29       | 37.81  | cps   |
| Calcium    | 43-1  | 178154   | 177708   | 177257   | 177706   | 0.25   | cps   |
| Calcium    | 44-1  | 2915961  | 2911662  | 2924671  | 2917431  | 0.23   | cps   |
| Chromium   | 52-2  | 3574     | 3651     | 3654     | 3626     | 1.25   | cps   |
| Cobalt     | 59-2  | 2024     | 1987     | 1954     | 1988     | 1.76   | cps   |
| Copper     | 63-2  | 2325432  | 2310102  | 2331298  | 2322277  | 0.47   | cps   |
| Dysprosium | 156-1 | 192      | 125      | 92       | 136      | 37.41  | cps   |
| Dysprosium | 156-2 | 133      | 113      | 127      | 124      | 8.18   | cps   |
| Erbium     | 164-1 | 275      | 217      | 192      | 228      | 18.77  | cps   |
| Erbium     | 164-2 | 87       | 123      | 133      | 114      | 21.47  | cps   |
| Gadolinium | 160-1 | 358      | 317      | 208      | 294      | 26.30  | cps   |
| Gadolinium | 160-2 | 253      | 273      | 250      | 259      | 4.87   | cps   |
| Holmium    | 165-1 | 13936097 | 13908071 | 14028768 | 13957645 | 0.45   | cps   |
| Holmium    | 165-2 | 8954385  | 8949725  | 8907066  | 8937059  | 0.29   | cps   |
| Indium     | 115-1 | 11388620 | 11412801 | 11539107 | 11446843 | 0.71   | cps   |
| Indium     | 115-2 | 2636853  | 2636443  | 2669890  | 2647729  | 0.72   | cps   |
| Iron       | 56-2  | 307711   | 304774   | 304504   | 305663   | 0.58   | cps   |
| Iron       | 57-2  | 7919     | 8086     | 8542     | 8182     | 3.94   | cps   |
| Lead       | 206-1 | 7758     | 7458     | 7953     | 7723     | 3.23   | cps   |
| Lead       | 207-1 | 6885     | 6357     | 6585     | 6609     | 4.01   | cps   |
| Lead       | 208-1 | 31126    | 30560    | 30592    | 30759    | 1.03   | cps   |
| Lithium    | 6-1   | 378828   | 383553   | 373102   | 378494   | 1.38   | cps   |
| Magnesium  | 24-2  | 368388   | 370565   | 375831   | 371594   | 1.03   | cps   |
| Manganese  | 55-2  | 90040    | 89547    | 90691    | 90093    | 0.64   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-05-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:32:17  | DataFile Name :   | 070SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 933      | 758      | 1100     | 931      | 18.36  | cps   |
| Molybdenum | 95-1  | 267      | 267      | 233      | 256      | 7.53   | cps   |
| Molybdenum | 96-1  | 400      | 492      | 433      | 442      | 10.51  | cps   |
| Molybdenum | 97-1  | 192      | 225      | 75       | 164      | 48.06  | cps   |
| Molybdenum | 98-1  | 308      | 358      | 417      | 361      | 15.01  | cps   |
| Neodymium  | 150-1 | 127      | 127      | 133      | 129      | 2.99   | cps   |
| Neodymium  | 150-2 | 63       | 57       | 43       | 54       | 18.71  | cps   |
| Nickel     | 60-2  | 7242     | 6925     | 6925     | 7031     | 2.60   | cps   |
| Phosphorus | 31-2  | 5901     | 6560     | 6085     | 6182     | 5.50   | cps   |
| Potassium  | 39-2  | 209308   | 209386   | 210211   | 209635   | 0.24   | cps   |
| Rhodium    | 103-1 | 10577122 | 10476405 | 10577038 | 10543522 | 0.55   | cps   |
| Rhodium    | 103-2 | 6087993  | 6077133  | 6139558  | 6101562  | 0.55   | cps   |
| Scandium   | 45-1  | 5512367  | 5572013  | 5572757  | 5552379  | 0.62   | cps   |
| Scandium   | 45-2  | 335212   | 340219   | 339937   | 338456   | 0.83   | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 124      | 113      | 119      | 119      | 4.69   | cps   |
| Selenium   | 82-1  | 184      | 218      | 252      | 218      | 15.58  | cps   |
| Silicon    | 28-1  | 6094691  | 6056456  | 5996182  | 6049110  | 0.82   | cps   |
| Silver     | 109-1 | 208      | 125      | 158      | 164      | 25.59  | cps   |
| Silver     | 107-1 | 183      | 233      | 200      | 206      | 12.39  | cps   |
| Sodium     | 23-2  | 6160582  | 6214788  | 6236485  | 6203952  | 0.63   | cps   |
| Strontium  | 86-1  | 77216    | 76245    | 76395    | 76619    | 0.68   | cps   |
| Strontium  | 88-1  | 658876   | 656298   | 663088   | 659421   | 0.52   | cps   |
| Sulfur     | 34-1  | 416957   | 416682   | 416270   | 416637   | 0.08   | cps   |
| Terbium    | 159-1 | 14358566 | 14407737 | 14265570 | 14343958 | 0.50   | cps   |
| Terbium    | 159-2 | 8861089  | 8867654  | 9030896  | 8919880  | 1.08   | cps   |
| Thallium   | 203-1 | 258      | 300      | 367      | 308      | 17.72  | cps   |
| Thallium   | 205-1 | 683      | 950      | 667      | 767      | 20.74  | cps   |
| Tin        | 118-1 | 10855    | 10104    | 10721    | 10560    | 3.79   | cps   |
| Titanium   | 47-1  | 1375     | 1300     | 1592     | 1422     | 10.65  | cps   |
| Uranium    | 238-1 | 1075     | 1242     | 1267     | 1195     | 8.72   | cps   |
| Vanadium   | 51-2  | 530      | 457      | 583      | 523      | 12.15  | cps   |
| Yttrium    | 89-1  | 11303120 | 11292394 | 11434682 | 11343399 | 0.70   | cps   |
| Yttrium    | 89-2  | 1942488  | 1941318  | 1951544  | 1945117  | 0.29   | cps   |
| Zinc       | 66-2  | 73862    | 74874    | 76301    | 75013    | 1.63   | cps   |
| Zirconium  | 90-1  | 2359     | 3229     | 2242     | 2610     | 20.67  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-05             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-05-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:32:17  | DataFile Name :   | 070SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 583  | 450  | 525  | 519     | 12.87  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 122980   | 123541   | 123879   | 123467   | 0.37   | cps   |
| Antimony   | 121-1 | 1183     | 1125     | 1150     | 1153     | 2.54   | cps   |
| Arsenic    | 75-2  | 157      | 189      | 224      | 190      | 17.54  | cps   |
| Barium     | 135-1 | 55938    | 57445    | 55009    | 56131    | 2.19   | cps   |
| Barium     | 137-1 | 97610    | 97005    | 97601    | 97405    | 0.36   | cps   |
| Beryllium  | 9-1   | 17       | 11       | 22       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 9115625  | 9052095  | 9077905  | 9081875  | 0.35   | cps   |
| Bismuth    | 209-2 | 6204394  | 6211290  | 6138597  | 6184760  | 0.65   | cps   |
| Boron      | 10-1  | 750      | 633      | 633      | 672      | 10.02  | cps   |
| Boron      | 11-1  | 3626     | 3609     | 3509     | 3581     | 1.76   | cps   |
| Cadmium    | 111-1 | 3098     | 3100     | 2984     | 3060     | 2.18   | cps   |
| Cadmium    | 106-1 | 4384     | 4434     | 4276     | 4365     | 1.86   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 38       | 26       | 48.24  | cps   |
| Calcium    | 43-1  | 170725   | 171257   | 169790   | 170591   | 0.44   | cps   |
| Calcium    | 44-1  | 2795443  | 2803994  | 2820652  | 2806697  | 0.46   | cps   |
| Chromium   | 52-2  | 3464     | 3527     | 3527     | 3506     | 1.04   | cps   |
| Cobalt     | 59-2  | 1743     | 1873     | 1780     | 1799     | 3.73   | cps   |
| Copper     | 63-2  | 1536037  | 1551171  | 1544088  | 1543765  | 0.49   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 117      | 100      | 22.05  | cps   |
| Dysprosium | 156-2 | 73       | 53       | 60       | 62       | 16.37  | cps   |
| Erbium     | 164-1 | 142      | 158      | 125      | 142      | 11.76  | cps   |
| Erbium     | 164-2 | 113      | 80       | 107      | 100      | 17.64  | cps   |
| Gadolinium | 160-1 | 283      | 300      | 250      | 278      | 9.17   | cps   |
| Gadolinium | 160-2 | 213      | 213      | 220      | 216      | 1.79   | cps   |
| Holmium    | 165-1 | 13915532 | 13847472 | 13967094 | 13910032 | 0.43   | cps   |
| Holmium    | 165-2 | 8850249  | 8904874  | 8734433  | 8829852  | 0.99   | cps   |
| Indium     | 115-1 | 11286093 | 11439075 | 11390375 | 11371848 | 0.69   | cps   |
| Indium     | 115-2 | 2619528  | 2633290  | 2630408  | 2627742  | 0.28   | cps   |
| Iron       | 56-2  | 229620   | 235451   | 233776   | 232949   | 1.29   | cps   |
| Iron       | 57-2  | 6724     | 6240     | 6546     | 6503     | 3.76   | cps   |
| Lead       | 206-1 | 3928     | 3795     | 3812     | 3845     | 1.89   | cps   |
| Lead       | 207-1 | 3428     | 3395     | 3195     | 3339     | 3.78   | cps   |
| Lead       | 208-1 | 15548    | 15170    | 15159    | 15293    | 1.45   | cps   |
| Lithium    | 6-1   | 378640   | 380221   | 372027   | 376963   | 1.15   | cps   |
| Magnesium  | 24-2  | 352111   | 351987   | 357537   | 353878   | 0.90   | cps   |
| Manganese  | 55-2  | 66580    | 68419    | 67621    | 67540    | 1.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1017     | 825      | 892      | 911      | 10.68  | cps   |
| Molybdenum | 95-1  | 350      | 342      | 308      | 333      | 6.61   | cps   |
| Molybdenum | 96-1  | 392      | 517      | 458      | 456      | 13.73  | cps   |
| Molybdenum | 97-1  | 108      | 250      | 225      | 194      | 38.89  | cps   |
| Molybdenum | 98-1  | 458      | 525      | 458      | 481      | 8.01   | cps   |
| Neodymium  | 150-1 | 107      | 120      | 87       | 104      | 16.07  | cps   |
| Neodymium  | 150-2 | 407      | 63       | 43       | 171      | 119.42 | cps   |
| Nickel     | 60-2  | 1733     | 1777     | 1900     | 1803     | 4.80   | cps   |
| Phosphorus | 31-2  | 6602     | 5968     | 6252     | 6274     | 5.06   | cps   |
| Potassium  | 39-2  | 207499   | 206408   | 208079   | 207329   | 0.41   | cps   |
| Rhodium    | 103-1 | 10439852 | 10475078 | 10492404 | 10469111 | 0.26   | cps   |
| Rhodium    | 103-2 | 6011576  | 6024455  | 5411518  | 5815850  | 6.02   | cps   |
| Scandium   | 45-1  | 5523588  | 5563283  | 5575582  | 5554151  | 0.49   | cps   |
| Scandium   | 45-2  | 334296   | 334056   | 333560   | 333971   | 0.11   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 135      | 144      | 144      | 141      | 3.78   | cps   |
| Selenium   | 82-1  | 190      | 232      | 119      | 180      | 31.72  | cps   |
| Silicon    | 28-1  | 5990531  | 6029506  | 6082723  | 6034253  | 0.77   | cps   |
| Silver     | 109-1 | 192      | 117      | 75       | 128      | 46.27  | cps   |
| Silver     | 107-1 | 142      | 200      | 125      | 156      | 25.32  | cps   |
| Sodium     | 23-2  | 6090438  | 6120056  | 6091689  | 6100728  | 0.27   | cps   |
| Strontium  | 86-1  | 75783    | 74962    | 76286    | 75677    | 0.88   | cps   |
| Strontium  | 88-1  | 653365   | 666791   | 664966   | 661707   | 1.10   | cps   |
| Sulfur     | 34-1  | 415185   | 411571   | 414632   | 413796   | 0.47   | cps   |
| Terbium    | 159-1 | 14239499 | 14223721 | 14227679 | 14230300 | 0.06   | cps   |
| Terbium    | 159-2 | 8862858  | 8943200  | 8793705  | 8866588  | 0.84   | cps   |
| Thallium   | 203-1 | 283      | 325      | 367      | 325      | 12.82  | cps   |
| Thallium   | 205-1 | 925      | 958      | 842      | 908      | 6.62   | cps   |
| Tin        | 118-1 | 10046    | 9721     | 10204    | 9990     | 2.47   | cps   |
| Titanium   | 47-1  | 1183     | 1275     | 1283     | 1247     | 4.45   | cps   |
| Uranium    | 238-1 | 1100     | 1008     | 1017     | 1042     | 4.87   | cps   |
| Vanadium   | 51-2  | 583      | 553      | 520      | 552      | 5.74   | cps   |
| Yttrium    | 89-1  | 11149013 | 11330966 | 11320950 | 11266977 | 0.91   | cps   |
| Yttrium    | 89-2  | 1927432  | 1931016  | 1924647  | 1927698  | 0.17   | cps   |
| Zinc       | 66-2  | 15712    | 16249    | 15702    | 15888    | 1.97   | cps   |
| Zirconium  | 90-1  | 2392     | 2134     | 1867     | 2131     | 12.32  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-06             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-06-FL1-BRBCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:35:42  | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 467  | 342  | 342  | 383     | 18.83  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-07-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:39:08  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 41216    | 41784    | 39269    | 40757    | 3.24   | cps   |
| Antimony   | 121-1 | 5401     | 5585     | 5968     | 5651     | 5.12   | cps   |
| Arsenic    | 75-2  | 194      | 206      | 196      | 199      | 2.99   | cps   |
| Barium     | 135-1 | 53830    | 54934    | 54023    | 54263    | 1.09   | cps   |
| Barium     | 137-1 | 96140    | 95554    | 95058    | 95584    | 0.57   | cps   |
| Beryllium  | 9-1   | 11       | 22       | 33       | 22       | 50.00  | cps   |
| Bismuth    | 209-1 | 9116631  | 9194733  | 9174344  | 9161903  | 0.44   | cps   |
| Bismuth    | 209-2 | 6302513  | 6296232  | 6219186  | 6272643  | 0.74   | cps   |
| Boron      | 10-1  | 525      | 533      | 650      | 569      | 12.27  | cps   |
| Boron      | 11-1  | 3100     | 3125     | 3451     | 3225     | 6.06   | cps   |
| Cadmium    | 111-1 | 3215     | 2992     | 3016     | 3074     | 3.99   | cps   |
| Cadmium    | 106-1 | 4509     | 4192     | 4268     | 4323     | 3.83   | cps   |
| Cadmium    | 108-1 | 29       | 25       | 25       | 26       | 9.12   | cps   |
| Calcium    | 43-1  | 173186   | 173616   | 172599   | 173134   | 0.30   | cps   |
| Calcium    | 44-1  | 2816200  | 2838776  | 2841976  | 2832317  | 0.50   | cps   |
| Chromium   | 52-2  | 3467     | 3364     | 3547     | 3459     | 2.66   | cps   |
| Cobalt     | 59-2  | 1147     | 1087     | 1000     | 1078     | 6.84   | cps   |
| Copper     | 63-2  | 1964406  | 1957439  | 1934310  | 1952052  | 0.81   | cps   |
| Dysprosium | 156-1 | 75       | 92       | 83       | 83       | 10.00  | cps   |
| Dysprosium | 156-2 | 33       | 73       | 50       | 52       | 38.48  | cps   |
| Erbium     | 164-1 | 108      | 67       | 92       | 89       | 23.59  | cps   |
| Erbium     | 164-2 | 53       | 63       | 47       | 54       | 15.40  | cps   |
| Gadolinium | 160-1 | 233      | 208      | 275      | 239      | 14.10  | cps   |
| Gadolinium | 160-2 | 227      | 240      | 200      | 222      | 9.17   | cps   |
| Holmium    | 165-1 | 14030196 | 14025260 | 14022495 | 14025984 | 0.03   | cps   |
| Holmium    | 165-2 | 8970484  | 9039282  | 8951062  | 8986943  | 0.52   | cps   |
| Indium     | 115-1 | 11586394 | 11597310 | 11548000 | 11577235 | 0.22   | cps   |
| Indium     | 115-2 | 2688179  | 2655853  | 2658048  | 2667360  | 0.68   | cps   |
| Iron       | 56-2  | 169474   | 164782   | 164891   | 166382   | 1.61   | cps   |
| Iron       | 57-2  | 5146     | 4918     | 4779     | 4947     | 3.74   | cps   |
| Lead       | 206-1 | 5657     | 5618     | 5807     | 5694     | 1.75   | cps   |
| Lead       | 207-1 | 4790     | 5268     | 4862     | 4973     | 5.18   | cps   |
| Lead       | 208-1 | 22475    | 22447    | 22358    | 22427    | 0.27   | cps   |
| Lithium    | 6-1   | 373149   | 373153   | 374162   | 373488   | 0.16   | cps   |
| Magnesium  | 24-2  | 365516   | 359722   | 359427   | 361555   | 0.95   | cps   |
| Manganese  | 55-2  | 66141    | 67441    | 65114    | 66232    | 1.76   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-07 Instrumnet Name : P7  
 Client Sample ID : DC747-07-FL1-BRGCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:39:08 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 792      | 750      | 728      | 10.64  | cps   |
| Molybdenum | 95-1  | 225      | 275      | 408      | 303      | 31.30  | cps   |
| Molybdenum | 96-1  | 417      | 475      | 417      | 436      | 7.72   | cps   |
| Molybdenum | 97-1  | 233      | 125      | 167      | 175      | 31.23  | cps   |
| Molybdenum | 98-1  | 442      | 467      | 425      | 444      | 4.72   | cps   |
| Neodymium  | 150-1 | 133      | 93       | 100      | 109      | 19.68  | cps   |
| Neodymium  | 150-2 | 20       | 27       | 53       | 33       | 52.91  | cps   |
| Nickel     | 60-2  | 3641     | 3674     | 3364     | 3559     | 4.78   | cps   |
| Phosphorus | 31-2  | 4918     | 4851     | 5018     | 4929     | 1.70   | cps   |
| Potassium  | 39-2  | 207296   | 209941   | 206104   | 207780   | 0.95   | cps   |
| Rhodium    | 103-1 | 10549649 | 10587467 | 10731634 | 10622917 | 0.90   | cps   |
| Rhodium    | 103-2 | 6196080  | 6120353  | 6063322  | 6126585  | 1.09   | cps   |
| Scandium   | 45-1  | 5681910  | 5636669  | 5619923  | 5646167  | 0.57   | cps   |
| Scandium   | 45-2  | 342118   | 338056   | 337355   | 339176   | 0.76   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 126      | 159      | 141      | 142      | 11.76  | cps   |
| Selenium   | 82-1  | 201      | 268      | 313      | 261      | 21.78  | cps   |
| Silicon    | 28-1  | 5955688  | 5953932  | 5975014  | 5961545  | 0.20   | cps   |
| Silver     | 109-1 | 167      | 125      | 150      | 147      | 14.24  | cps   |
| Silver     | 107-1 | 225      | 100      | 117      | 147      | 46.10  | cps   |
| Sodium     | 23-2  | 6223027  | 6192393  | 6137718  | 6184379  | 0.70   | cps   |
| Strontium  | 86-1  | 76420    | 77007    | 77241    | 76890    | 0.55   | cps   |
| Strontium  | 88-1  | 666028   | 673014   | 673919   | 670987   | 0.64   | cps   |
| Sulfur     | 34-1  | 417485   | 417819   | 414255   | 416520   | 0.47   | cps   |
| Terbium    | 159-1 | 14415856 | 14513236 | 14406504 | 14445199 | 0.41   | cps   |
| Terbium    | 159-2 | 9041949  | 9002702  | 8931809  | 8992153  | 0.62   | cps   |
| Thallium   | 203-1 | 367      | 275      | 367      | 336      | 15.75  | cps   |
| Thallium   | 205-1 | 867      | 825      | 975      | 889      | 8.71   | cps   |
| Tin        | 118-1 | 15713    | 10680    | 11055    | 12482    | 22.46  | cps   |
| Titanium   | 47-1  | 808      | 633      | 617      | 686      | 15.48  | cps   |
| Uranium    | 238-1 | 558      | 458      | 542      | 519      | 10.31  | cps   |
| Vanadium   | 51-2  | 300      | 387      | 450      | 379      | 19.87  | cps   |
| Yttrium    | 89-1  | 11263739 | 11269984 | 11363840 | 11299188 | 0.50   | cps   |
| Yttrium    | 89-2  | 1961426  | 1939955  | 1953983  | 1951788  | 0.56   | cps   |
| Zinc       | 66-2  | 159599   | 161751   | 158606   | 159985   | 1.01   | cps   |
| Zirconium  | 90-1  | 1383     | 1592     | 1433     | 1470     | 7.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-07             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-07-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:39:08  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 408  | 367  | 367     | 11.36  | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-08 Instrumnet Name : P7  
 Client Sample ID : DC747-08-FL1-BRGCL1- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 19:42:33 DataFile Name : 073SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 94365    | 97635    | 94550    | 95516    | 1.92   | cps   |
| Antimony   | 121-1 | 1125     | 1267     | 1208     | 1200     | 5.93   | cps   |
| Arsenic    | 75-2  | 176      | 207      | 217      | 200      | 10.68  | cps   |
| Barium     | 135-1 | 55218    | 56942    | 56968    | 56376    | 1.78   | cps   |
| Barium     | 137-1 | 95043    | 99960    | 99337    | 98113    | 2.73   | cps   |
| Beryllium  | 9-1   | 17       | 50       | 39       | 35       | 48.23  | cps   |
| Bismuth    | 209-1 | 9072367  | 9192993  | 9132219  | 9132526  | 0.66   | cps   |
| Bismuth    | 209-2 | 6179444  | 6234431  | 6146125  | 6186667  | 0.72   | cps   |
| Boron      | 10-1  | 625      | 708      | 650      | 661      | 6.47   | cps   |
| Boron      | 11-1  | 3117     | 3601     | 3359     | 3359     | 7.20   | cps   |
| Cadmium    | 111-1 | 2831     | 3039     | 3544     | 3138     | 11.69  | cps   |
| Cadmium    | 106-1 | 4009     | 4292     | 5018     | 4440     | 11.72  | cps   |
| Cadmium    | 108-1 | 25       | 17       | 21       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 170153   | 171444   | 172251   | 171283   | 0.62   | cps   |
| Calcium    | 44-1  | 2812475  | 2855144  | 2827073  | 2831564  | 0.77   | cps   |
| Chromium   | 52-2  | 3420     | 3304     | 3394     | 3373     | 1.81   | cps   |
| Cobalt     | 59-2  | 1237     | 1203     | 1307     | 1249     | 4.22   | cps   |
| Copper     | 63-2  | 1917472  | 1902260  | 1905386  | 1908373  | 0.42   | cps   |
| Dysprosium | 156-1 | 133      | 175      | 100      | 136      | 27.61  | cps   |
| Dysprosium | 156-2 | 63       | 47       | 67       | 59       | 18.19  | cps   |
| Erbium     | 164-1 | 158      | 192      | 75       | 142      | 42.42  | cps   |
| Erbium     | 164-2 | 87       | 107      | 140      | 111      | 24.25  | cps   |
| Gadolinium | 160-1 | 142      | 242      | 292      | 225      | 33.95  | cps   |
| Gadolinium | 160-2 | 213      | 297      | 213      | 241      | 19.95  | cps   |
| Holmium    | 165-1 | 13771117 | 13892899 | 13840902 | 13834973 | 0.44   | cps   |
| Holmium    | 165-2 | 8910582  | 8917953  | 8782409  | 8870314  | 0.86   | cps   |
| Indium     | 115-1 | 11359851 | 11569229 | 11546776 | 11491952 | 1.00   | cps   |
| Indium     | 115-2 | 2632495  | 2626482  | 2620144  | 2626374  | 0.24   | cps   |
| Iron       | 56-2  | 218433   | 227824   | 216307   | 220855   | 2.77   | cps   |
| Iron       | 57-2  | 6090     | 6157     | 5990     | 6079     | 1.38   | cps   |
| Lead       | 206-1 | 3834     | 3562     | 3501     | 3632     | 4.89   | cps   |
| Lead       | 207-1 | 3228     | 3189     | 3339     | 3252     | 2.39   | cps   |
| Lead       | 208-1 | 15182    | 14209    | 14698    | 14696    | 3.31   | cps   |
| Lithium    | 6-1   | 376179   | 375707   | 372306   | 374731   | 0.56   | cps   |
| Magnesium  | 24-2  | 355378   | 357110   | 355634   | 356040   | 0.26   | cps   |
| Manganese  | 55-2  | 69805    | 69711    | 70281    | 69932    | 0.44   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-08-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:42:33  | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 758      | 750      | 808      | 772      | 4.09   | cps   |
| Molybdenum | 95-1  | 275      | 308      | 258      | 281      | 9.07   | cps   |
| Molybdenum | 96-1  | 425      | 433      | 400      | 419      | 4.14   | cps   |
| Molybdenum | 97-1  | 192      | 242      | 167      | 200      | 19.10  | cps   |
| Molybdenum | 98-1  | 583      | 475      | 392      | 483      | 19.88  | cps   |
| Neodymium  | 150-1 | 127      | 80       | 160      | 122      | 32.88  | cps   |
| Neodymium  | 150-2 | 27       | 57       | 50       | 44       | 35.44  | cps   |
| Nickel     | 60-2  | 1287     | 1343     | 1337     | 1322     | 2.34   | cps   |
| Phosphorus | 31-2  | 6010     | 6101     | 6293     | 6135     | 2.36   | cps   |
| Potassium  | 39-2  | 204229   | 205784   | 204855   | 204956   | 0.38   | cps   |
| Rhodium    | 103-1 | 10592473 | 10710943 | 10592002 | 10631806 | 0.64   | cps   |
| Rhodium    | 103-2 | 6167938  | 6122361  | 6067939  | 6119413  | 0.82   | cps   |
| Scandium   | 45-1  | 5609233  | 5646672  | 5618839  | 5624914  | 0.35   | cps   |
| Scandium   | 45-2  | 336512   | 335141   | 330789   | 334147   | 0.89   | cps   |
| Selenium   | 77-2  | 0        | 7        | 3        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 111      | 126      | 137      | 125      | 10.43  | cps   |
| Selenium   | 82-1  | 213      | 181      | 283      | 225      | 23.20  | cps   |
| Silicon    | 28-1  | 5899155  | 6000338  | 6100693  | 6000062  | 1.68   | cps   |
| Silver     | 109-1 | 225      | 142      | 133      | 167      | 30.41  | cps   |
| Silver     | 107-1 | 125      | 208      | 158      | 164      | 25.59  | cps   |
| Sodium     | 23-2  | 6128874  | 6099960  | 6067682  | 6098839  | 0.50   | cps   |
| Strontium  | 86-1  | 76145    | 78147    | 75047    | 76446    | 2.06   | cps   |
| Strontium  | 88-1  | 664048   | 674974   | 673897   | 670973   | 0.90   | cps   |
| Sulfur     | 34-1  | 412518   | 415569   | 422893   | 416993   | 1.28   | cps   |
| Terbium    | 159-1 | 14432240 | 14541618 | 14513920 | 14495926 | 0.39   | cps   |
| Terbium    | 159-2 | 8906358  | 8836521  | 8849285  | 8864054  | 0.42   | cps   |
| Thallium   | 203-1 | 233      | 350      | 358      | 314      | 22.26  | cps   |
| Thallium   | 205-1 | 900      | 825      | 867      | 864      | 4.35   | cps   |
| Tin        | 118-1 | 7878     | 8419     | 8353     | 8217     | 3.60   | cps   |
| Titanium   | 47-1  | 942      | 1225     | 967      | 1045     | 15.02  | cps   |
| Uranium    | 238-1 | 983      | 825      | 842      | 883      | 9.85   | cps   |
| Vanadium   | 51-2  | 433      | 413      | 420      | 422      | 2.41   | cps   |
| Yttrium    | 89-1  | 11331209 | 11366012 | 11308908 | 11335376 | 0.25   | cps   |
| Yttrium    | 89-2  | 1939948  | 1939787  | 1923047  | 1934261  | 0.50   | cps   |
| Zinc       | 66-2  | 20364    | 19744    | 19770    | 19959    | 1.76   | cps   |
| Zirconium  | 90-1  | 2109     | 2167     | 1909     | 2061     | 6.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-08             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-08-FL1-BRGCL1- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:42:33  | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 408  | 483  | 367  | 419     | 14.09  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-09-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:45:58   | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2834     | 2334     | 2650     | 2606     | 9.71   | cps   |
| Antimony   | 121-1 | 3742     | 3709     | 3834     | 3762     | 1.72   | cps   |
| Arsenic    | 75-2  | 181      | 219      | 198      | 199      | 9.30   | cps   |
| Barium     | 135-1 | 51915    | 50209    | 51246    | 51123    | 1.68   | cps   |
| Barium     | 137-1 | 91627    | 89807    | 87878    | 89770    | 2.09   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 11       | 15       | 21.67  | cps   |
| Bismuth    | 209-1 | 9255377  | 9184176  | 9199495  | 9213016  | 0.41   | cps   |
| Bismuth    | 209-2 | 6198814  | 6273643  | 6252747  | 6241735  | 0.62   | cps   |
| Boron      | 10-1  | 617      | 700      | 683      | 667      | 6.62   | cps   |
| Boron      | 11-1  | 3551     | 3367     | 3584     | 3501     | 3.33   | cps   |
| Cadmium    | 111-1 | 2980     | 3198     | 3096     | 3091     | 3.53   | cps   |
| Cadmium    | 106-1 | 4159     | 4543     | 4418     | 4373     | 4.47   | cps   |
| Cadmium    | 108-1 | 33       | 46       | 42       | 40       | 15.80  | cps   |
| Calcium    | 43-1  | 174308   | 176853   | 176956   | 176039   | 0.85   | cps   |
| Calcium    | 44-1  | 2900757  | 2901536  | 2888342  | 2896878  | 0.26   | cps   |
| Chromium   | 52-2  | 3334     | 3360     | 3737     | 3477     | 6.49   | cps   |
| Cobalt     | 59-2  | 293      | 310      | 250      | 284      | 10.89  | cps   |
| Copper     | 63-2  | 1021750  | 1023844  | 1027459  | 1024351  | 0.28   | cps   |
| Dysprosium | 156-1 | 17       | 83       | 92       | 64       | 64.34  | cps   |
| Dysprosium | 156-2 | 50       | 40       | 37       | 42       | 16.43  | cps   |
| Erbium     | 164-1 | 58       | 92       | 108      | 86       | 29.56  | cps   |
| Erbium     | 164-2 | 40       | 53       | 70       | 54       | 27.61  | cps   |
| Gadolinium | 160-1 | 192      | 217      | 192      | 200      | 7.22   | cps   |
| Gadolinium | 160-2 | 213      | 167      | 197      | 192      | 12.30  | cps   |
| Holmium    | 165-1 | 14140963 | 14040113 | 14099890 | 14093656 | 0.36   | cps   |
| Holmium    | 165-2 | 8930974  | 8988805  | 8984452  | 8968077  | 0.36   | cps   |
| Indium     | 115-1 | 11736417 | 11681918 | 11754134 | 11724156 | 0.32   | cps   |
| Indium     | 115-2 | 2660007  | 2657121  | 2662006  | 2659711  | 0.09   | cps   |
| Iron       | 56-2  | 85577    | 86383    | 88443    | 86801    | 1.70   | cps   |
| Iron       | 57-2  | 2961     | 2823     | 2906     | 2897     | 2.41   | cps   |
| Lead       | 206-1 | 7013     | 7141     | 7197     | 7117     | 1.32   | cps   |
| Lead       | 207-1 | 5774     | 5724     | 5801     | 5766     | 0.68   | cps   |
| Lead       | 208-1 | 27034    | 27451    | 27695    | 27393    | 1.22   | cps   |
| Lithium    | 6-1   | 382124   | 381615   | 376518   | 380086   | 0.82   | cps   |
| Magnesium  | 24-2  | 361911   | 362818   | 366530   | 363753   | 0.67   | cps   |
| Manganese  | 55-2  | 31858    | 32189    | 31761    | 31936    | 0.70   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-09-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:45:58   | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 592      | 608      | 592      | 2.82   | cps   |
| Molybdenum | 95-1  | 242      | 258      | 225      | 242      | 6.90   | cps   |
| Molybdenum | 96-1  | 442      | 375      | 425      | 414      | 8.38   | cps   |
| Molybdenum | 97-1  | 242      | 242      | 100      | 194      | 42.07  | cps   |
| Molybdenum | 98-1  | 433      | 358      | 667      | 486      | 33.08  | cps   |
| Neodymium  | 150-1 | 40       | 87       | 60       | 62       | 37.63  | cps   |
| Neodymium  | 150-2 | 33       | 43       | 23       | 33       | 30.00  | cps   |
| Nickel     | 60-2  | 2700     | 3100     | 2830     | 2877     | 7.09   | cps   |
| Phosphorus | 31-2  | 5493     | 5143     | 5876     | 5504     | 6.67   | cps   |
| Potassium  | 39-2  | 211412   | 210304   | 211347   | 211021   | 0.29   | cps   |
| Rhodium    | 103-1 | 10770069 | 10769776 | 10775335 | 10771727 | 0.03   | cps   |
| Rhodium    | 103-2 | 6150359  | 6116498  | 6151118  | 6139325  | 0.32   | cps   |
| Scandium   | 45-1  | 5699464  | 5720137  | 5622428  | 5680677  | 0.91   | cps   |
| Scandium   | 45-2  | 336578   | 338863   | 341891   | 339111   | 0.79   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 119      | 120      | 106      | 115      | 7.03   | cps   |
| Selenium   | 82-1  | 187      | 286      | 205      | 226      | 23.47  | cps   |
| Silicon    | 28-1  | 5910952  | 5949498  | 5892980  | 5917810  | 0.49   | cps   |
| Silver     | 109-1 | 142      | 133      | 158      | 144      | 8.81   | cps   |
| Silver     | 107-1 | 150      | 183      | 233      | 189      | 22.21  | cps   |
| Sodium     | 23-2  | 6179759  | 6207013  | 6246884  | 6211218  | 0.54   | cps   |
| Strontium  | 86-1  | 77718    | 79211    | 78079    | 78336    | 0.99   | cps   |
| Strontium  | 88-1  | 695140   | 680053   | 683141   | 686111   | 1.16   | cps   |
| Sulfur     | 34-1  | 416279   | 417516   | 419108   | 417634   | 0.34   | cps   |
| Terbium    | 159-1 | 14661930 | 14593100 | 14470231 | 14575087 | 0.67   | cps   |
| Terbium    | 159-2 | 8988110  | 9007153  | 8999472  | 8998245  | 0.11   | cps   |
| Thallium   | 203-1 | 342      | 392      | 383      | 372      | 7.20   | cps   |
| Thallium   | 205-1 | 892      | 800      | 833      | 842      | 5.51   | cps   |
| Tin        | 118-1 | 1817     | 1592     | 1884     | 1764     | 8.66   | cps   |
| Titanium   | 47-1  | 825      | 975      | 875      | 892      | 8.57   | cps   |
| Uranium    | 238-1 | 433      | 358      | 776      | 522      | 42.58  | cps   |
| Vanadium   | 51-2  | 263      | 243      | 253      | 253      | 3.95   | cps   |
| Yttrium    | 89-1  | 11654496 | 11465529 | 11543561 | 11554529 | 0.82   | cps   |
| Yttrium    | 89-2  | 1945225  | 1947039  | 1953805  | 1948690  | 0.23   | cps   |
| Zinc       | 66-2  | 353333   | 353691   | 356940   | 354655   | 0.56   | cps   |
| Zirconium  | 90-1  | 1383     | 1175     | 1375     | 1311     | 9.00   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-09              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-09-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:45:58   | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 350  | 250  | 325  | 308     | 16.88  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-10-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:49:22   | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1475     | 1775     | 1775     | 1675     | 10.35  | cps   |
| Antimony   | 121-1 | 992      | 1092     | 875      | 986      | 11.00  | cps   |
| Arsenic    | 75-2  | 187      | 233      | 178      | 199      | 14.93  | cps   |
| Barium     | 135-1 | 51488    | 50710    | 51606    | 51268    | 0.95   | cps   |
| Barium     | 137-1 | 88071    | 87912    | 87585    | 87856    | 0.28   | cps   |
| Beryllium  | 9-1   | 17       | 61       | 22       | 33       | 72.64  | cps   |
| Bismuth    | 209-1 | 8930521  | 8998852  | 9129750  | 9019708  | 1.12   | cps   |
| Bismuth    | 209-2 | 6140436  | 6145942  | 6111873  | 6132750  | 0.30   | cps   |
| Boron      | 10-1  | 650      | 608      | 592      | 617      | 4.87   | cps   |
| Boron      | 11-1  | 3075     | 2867     | 2742     | 2895     | 5.82   | cps   |
| Cadmium    | 111-1 | 3157     | 3078     | 2904     | 3046     | 4.24   | cps   |
| Cadmium    | 106-1 | 4518     | 4343     | 4084     | 4315     | 5.05   | cps   |
| Cadmium    | 108-1 | 38       | 17       | 13       | 22       | 60.27  | cps   |
| Calcium    | 43-1  | 171474   | 168299   | 170496   | 170090   | 0.96   | cps   |
| Calcium    | 44-1  | 2785519  | 2788946  | 2804681  | 2793049  | 0.37   | cps   |
| Chromium   | 52-2  | 3691     | 3711     | 3807     | 3736     | 1.67   | cps   |
| Cobalt     | 59-2  | 183      | 180      | 133      | 166      | 16.88  | cps   |
| Copper     | 63-2  | 1212541  | 1219196  | 1187802  | 1206513  | 1.37   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 75       | 56       | 31.22  | cps   |
| Dysprosium | 156-2 | 23       | 40       | 33       | 32       | 26.04  | cps   |
| Erbium     | 164-1 | 75       | 83       | 100      | 86       | 14.79  | cps   |
| Erbium     | 164-2 | 43       | 37       | 70       | 50       | 35.28  | cps   |
| Gadolinium | 160-1 | 258      | 217      | 233      | 236      | 8.88   | cps   |
| Gadolinium | 160-2 | 197      | 240      | 233      | 223      | 10.45  | cps   |
| Holmium    | 165-1 | 13660452 | 13752699 | 13833224 | 13748792 | 0.63   | cps   |
| Holmium    | 165-2 | 8929784  | 8869102  | 8978337  | 8925741  | 0.61   | cps   |
| Indium     | 115-1 | 11286289 | 11420647 | 11508052 | 11404996 | 0.98   | cps   |
| Indium     | 115-2 | 2606886  | 2641696  | 2608097  | 2618893  | 0.75   | cps   |
| Iron       | 56-2  | 90764    | 72602    | 71966    | 78444    | 13.61  | cps   |
| Iron       | 57-2  | 2473     | 2400     | 2384     | 2419     | 1.95   | cps   |
| Lead       | 206-1 | 2206     | 2256     | 2128     | 2197     | 2.93   | cps   |
| Lead       | 207-1 | 1856     | 1861     | 2045     | 1921     | 5.60   | cps   |
| Lead       | 208-1 | 8729     | 8824     | 8896     | 8816     | 0.95   | cps   |
| Lithium    | 6-1   | 372310   | 365756   | 367051   | 368372   | 0.94   | cps   |
| Magnesium  | 24-2  | 353191   | 355091   | 346119   | 351467   | 1.35   | cps   |
| Manganese  | 55-2  | 22227    | 22848    | 23389    | 22821    | 2.55   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-10-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:49:22   | DataFile Name :   | 075SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 458      | 658      | 667      | 594      | 19.84  | cps   |
| Molybdenum | 95-1  | 342      | 325      | 275      | 314      | 11.05  | cps   |
| Molybdenum | 96-1  | 375      | 342      | 417      | 378      | 9.95   | cps   |
| Molybdenum | 97-1  | 217      | 208      | 183      | 203      | 8.55   | cps   |
| Molybdenum | 98-1  | 467      | 450      | 483      | 467      | 3.57   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 60       | 53       | 21.65  | cps   |
| Neodymium  | 150-2 | 23       | 33       | 23       | 27       | 21.65  | cps   |
| Nickel     | 60-2  | 630      | 660      | 650      | 647      | 2.36   | cps   |
| Phosphorus | 31-2  | 6018     | 5801     | 5843     | 5888     | 1.95   | cps   |
| Potassium  | 39-2  | 204330   | 207439   | 204036   | 205268   | 0.92   | cps   |
| Rhodium    | 103-1 | 10470742 | 10432735 | 10403382 | 10435620 | 0.32   | cps   |
| Rhodium    | 103-2 | 6030237  | 6106085  | 5385262  | 5840528  | 6.78   | cps   |
| Scandium   | 45-1  | 5588551  | 5529778  | 5545481  | 5554604  | 0.55   | cps   |
| Scandium   | 45-2  | 334157   | 337431   | 329533   | 333707   | 1.19   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 139      | 104      | 126      | 123      | 14.48  | cps   |
| Selenium   | 82-1  | 287      | 228      | 164      | 226      | 27.26  | cps   |
| Silicon    | 28-1  | 5648092  | 5571896  | 5677473  | 5632487  | 0.97   | cps   |
| Silver     | 109-1 | 192      | 158      | 133      | 161      | 18.17  | cps   |
| Silver     | 107-1 | 108      | 150      | 158      | 139      | 19.29  | cps   |
| Sodium     | 23-2  | 6178918  | 6065562  | 6006481  | 6083654  | 1.44   | cps   |
| Strontium  | 86-1  | 76211    | 77276    | 75585    | 76357    | 1.12   | cps   |
| Strontium  | 88-1  | 658414   | 661672   | 669751   | 663279   | 0.88   | cps   |
| Sulfur     | 34-1  | 423016   | 423278   | 425152   | 423815   | 0.27   | cps   |
| Terbium    | 159-1 | 14260401 | 14267219 | 14373917 | 14300512 | 0.45   | cps   |
| Terbium    | 159-2 | 8810580  | 8899555  | 8743622  | 8817919  | 0.89   | cps   |
| Thallium   | 203-1 | 283      | 358      | 367      | 336      | 13.66  | cps   |
| Thallium   | 205-1 | 775      | 908      | 742      | 808      | 10.91  | cps   |
| Tin        | 118-1 | 1684     | 1867     | 1784     | 1778     | 5.16   | cps   |
| Titanium   | 47-1  | 983      | 983      | 842      | 936      | 8.74   | cps   |
| Uranium    | 238-1 | 500      | 500      | 392      | 464      | 13.48  | cps   |
| Vanadium   | 51-2  | 267      | 270      | 277      | 271      | 1.88   | cps   |
| Yttrium    | 89-1  | 11136035 | 11147591 | 11119005 | 11134210 | 0.13   | cps   |
| Yttrium    | 89-2  | 1914157  | 1938270  | 1895026  | 1915818  | 1.13   | cps   |
| Zinc       | 66-2  | 9236     | 9617     | 9597     | 9483     | 2.26   | cps   |
| Zirconium  | 90-1  | 1375     | 1333     | 1175     | 1295     | 8.15   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-10              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-10-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:49:22   | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 275  | 200  | 258  | 244     | 16.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 233      | 125      | 158      | 172      | 32.22  | cps   |
| Antimony   | 121-1 | 125      | 108      | 42       | 92       | 48.10  | cps   |
| Arsenic    | 75-2  | 20       | 9        | 9        | 13       | 49.48  | cps   |
| Barium     | 135-1 | 17       | 67       | 50       | 44       | 57.28  | cps   |
| Barium     | 137-1 | 75       | 83       | 83       | 81       | 5.98   | cps   |
| Beryllium  | 9-1   | 11       | 28       | 11       | 17       | 57.75  | cps   |
| Bismuth    | 209-1 | 9011345  | 9132660  | 9015377  | 9053127  | 0.76   | cps   |
| Bismuth    | 209-2 | 6056498  | 6088710  | 6070232  | 6071813  | 0.27   | cps   |
| Boron      | 10-1  | 167      | 75       | 142      | 128      | 37.08  | cps   |
| Boron      | 11-1  | 625      | 533      | 658      | 606      | 10.69  | cps   |
| Cadmium    | 111-1 | 2911     | 3364     | 2847     | 3041     | 9.28   | cps   |
| Cadmium    | 106-1 | 4159     | 4793     | 4076     | 4343     | 9.03   | cps   |
| Cadmium    | 108-1 | 13       | 4        | 21       | 13       | 66.64  | cps   |
| Calcium    | 43-1  | 1292     | 1475     | 1333     | 1367     | 7.03   | cps   |
| Calcium    | 44-1  | 46098    | 47293    | 46776    | 46722    | 1.28   | cps   |
| Chromium   | 52-2  | 2250     | 2410     | 2410     | 2357     | 3.92   | cps   |
| Cobalt     | 59-2  | 87       | 127      | 117      | 110      | 18.92  | cps   |
| Copper     | 63-2  | 1683     | 1747     | 1797     | 1742     | 3.26   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 8        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 17       | 3        | 20       | 13       | 66.16  | cps   |
| Erbium     | 164-1 | 33       | 25       | 58       | 39       | 44.61  | cps   |
| Erbium     | 164-2 | 30       | 10       | 17       | 19       | 53.91  | cps   |
| Gadolinium | 160-1 | 42       | 117      | 150      | 103      | 53.99  | cps   |
| Gadolinium | 160-2 | 137      | 133      | 187      | 152      | 19.63  | cps   |
| Holmium    | 165-1 | 13759418 | 13711911 | 13606616 | 13692648 | 0.57   | cps   |
| Holmium    | 165-2 | 8704245  | 8686891  | 8784724  | 8725286  | 0.60   | cps   |
| Indium     | 115-1 | 11245518 | 11423276 | 11407700 | 11358831 | 0.87   | cps   |
| Indium     | 115-2 | 2583341  | 2585691  | 2577221  | 2582084  | 0.17   | cps   |
| Iron       | 56-2  | 7758     | 7919     | 8147     | 7941     | 2.46   | cps   |
| Iron       | 57-2  | 461      | 361      | 394      | 406      | 12.56  | cps   |
| Lead       | 206-1 | 5580958  | 5657936  | 5653613  | 5630836  | 0.77   | cps   |
| Lead       | 207-1 | 5023202  | 5101294  | 5066437  | 5063644  | 0.77   | cps   |
| Lead       | 208-1 | 24037510 | 24515472 | 24273786 | 24275589 | 0.98   | cps   |
| Lithium    | 6-1   | 363252   | 371502   | 366830   | 367195   | 1.13   | cps   |
| Magnesium  | 24-2  | 233      | 292      | 267      | 264      | 11.09  | cps   |
| Manganese  | 55-2  | 120      | 103      | 83       | 102      | 17.96  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 308      | 267      | 225      | 267      | 15.63  | cps   |
| Molybdenum | 95-1  | 117      | 42       | 83       | 81       | 46.64  | cps   |
| Molybdenum | 96-1  | 67       | 183      | 133      | 128      | 45.81  | cps   |
| Molybdenum | 97-1  | 25       | 67       | 8        | 33       | 90.15  | cps   |
| Molybdenum | 98-1  | 83       | 158      | 50       | 97       | 57.07  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 100      | 123      | 107      | 110      | 10.93  | cps   |
| Phosphorus | 31-2  | 433      | 292      | 308      | 344      | 22.48  | cps   |
| Potassium  | 39-2  | 52209    | 52009    | 51582    | 51933    | 0.62   | cps   |
| Rhodium    | 103-1 | 10444742 | 10579097 | 10238346 | 10420728 | 1.65   | cps   |
| Rhodium    | 103-2 | 5977886  | 6056357  | 5976268  | 6003504  | 0.76   | cps   |
| Scandium   | 45-1  | 5499842  | 5545040  | 5510644  | 5518509  | 0.43   | cps   |
| Scandium   | 45-2  | 329464   | 329087   | 326569   | 328373   | 0.48   | cps   |
| Selenium   | 77-2  | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 130      | 128      | 130      | 129      | 0.83   | cps   |
| Selenium   | 82-1  | 201      | 175      | 229      | 201      | 13.52  | cps   |
| Silicon    | 28-1  | 217503   | 217087   | 225965   | 220185   | 2.28   | cps   |
| Silver     | 109-1 | 75       | 117      | 108      | 100      | 22.05  | cps   |
| Silver     | 107-1 | 150      | 117      | 192      | 153      | 24.60  | cps   |
| Sodium     | 23-2  | 28595    | 28770    | 29455    | 28940    | 1.57   | cps   |
| Strontium  | 86-1  | 967      | 933      | 975      | 958      | 2.30   | cps   |
| Strontium  | 88-1  | 817      | 792      | 758      | 789      | 3.71   | cps   |
| Sulfur     | 34-1  | 360662   | 358250   | 360956   | 359956   | 0.41   | cps   |
| Terbium    | 159-1 | 14034916 | 14372414 | 14222981 | 14210104 | 1.19   | cps   |
| Terbium    | 159-2 | 8731724  | 8781374  | 8646604  | 8719901  | 0.78   | cps   |
| Thallium   | 203-1 | 217      | 267      | 325      | 269      | 20.12  | cps   |
| Thallium   | 205-1 | 533      | 575      | 617      | 575      | 7.25   | cps   |
| Tin        | 118-1 | 817      | 975      | 842      | 878      | 9.70   | cps   |
| Titanium   | 47-1  | 267      | 208      | 150      | 208      | 28.00  | cps   |
| Uranium    | 238-1 | 17       | 50       | 58       | 42       | 52.91  | cps   |
| Vanadium   | 51-2  | 67       | 37       | 50       | 51       | 29.41  | cps   |
| Yttrium    | 89-1  | 11113822 | 11156243 | 11109174 | 11126413 | 0.23   | cps   |
| Yttrium    | 89-2  | 1902897  | 1905624  | 1898862  | 1902461  | 0.18   | cps   |
| Zinc       | 66-2  | 517      | 427      | 510      | 484      | 10.35  | cps   |
| Zirconium  | 90-1  | 575      | 692      | 592      | 619      | 10.19  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:52:48 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 192  | 158  | 164     | 15.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100      | 158      | 142      | 133      | 22.54  | cps   |
| Antimony   | 121-1 | 133      | 108      | 108      | 117      | 12.37  | cps   |
| Arsenic    | 75-2  | 7        | 13       | 20       | 14       | 47.88  | cps   |
| Barium     | 135-1 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Barium     | 137-1 | 58       | 108      | 50       | 72       | 43.68  | cps   |
| Beryllium  | 9-1   | 0        | 22       | 11       | 11       | 100.00 | cps   |
| Bismuth    | 209-1 | 9095465  | 9065900  | 9066755  | 9076040  | 0.19   | cps   |
| Bismuth    | 209-2 | 6201292  | 6170293  | 6175199  | 6182261  | 0.27   | cps   |
| Boron      | 10-1  | 67       | 42       | 67       | 58       | 24.74  | cps   |
| Boron      | 11-1  | 275      | 433      | 425      | 378      | 23.59  | cps   |
| Cadmium    | 111-1 | 2964     | 3031     | 3019     | 3004     | 1.19   | cps   |
| Cadmium    | 106-1 | 4259     | 4334     | 4301     | 4298     | 0.87   | cps   |
| Cadmium    | 108-1 | 25       | 17       | 0        | 14       | 91.65  | cps   |
| Calcium    | 43-1  | 1192     | 1083     | 942      | 1072     | 11.69  | cps   |
| Calcium    | 44-1  | 40531    | 39462    | 37983    | 39326    | 3.25   | cps   |
| Chromium   | 52-2  | 2324     | 2347     | 2497     | 2389     | 3.94   | cps   |
| Cobalt     | 59-2  | 80       | 97       | 67       | 81       | 18.53  | cps   |
| Copper     | 63-2  | 1510     | 1610     | 1730     | 1617     | 6.81   | cps   |
| Dysprosium | 156-1 | 17       | 25       | 25       | 22       | 21.64  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 50       | 50       | 58       | 53       | 9.12   | cps   |
| Erbium     | 164-2 | 7        | 27       | 17       | 17       | 59.99  | cps   |
| Gadolinium | 160-1 | 175      | 167      | 158      | 167      | 5.00   | cps   |
| Gadolinium | 160-2 | 117      | 167      | 157      | 147      | 18.04  | cps   |
| Holmium    | 165-1 | 13682777 | 13738909 | 13767243 | 13729643 | 0.31   | cps   |
| Holmium    | 165-2 | 8923948  | 8869064  | 8838022  | 8877011  | 0.49   | cps   |
| Indium     | 115-1 | 11299431 | 11389248 | 11379463 | 11356047 | 0.43   | cps   |
| Indium     | 115-2 | 2642223  | 2615496  | 2643941  | 2633887  | 0.61   | cps   |
| Iron       | 56-2  | 6969     | 7152     | 6902     | 7007     | 1.85   | cps   |
| Iron       | 57-2  | 289      | 433      | 367      | 363      | 19.92  | cps   |
| Lead       | 206-1 | 1383     | 1161     | 1378     | 1308     | 9.69   | cps   |
| Lead       | 207-1 | 1239     | 1050     | 1083     | 1124     | 8.97   | cps   |
| Lead       | 208-1 | 5334     | 5178     | 5395     | 5302     | 2.11   | cps   |
| Lithium    | 6-1   | 359657   | 367302   | 362105   | 363022   | 1.08   | cps   |
| Magnesium  | 24-2  | 150      | 217      | 183      | 183      | 18.18  | cps   |
| Manganese  | 55-2  | 53       | 93       | 73       | 73       | 27.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 208      | 258      | 208      | 225      | 12.83  | cps   |
| Molybdenum | 95-1  | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Molybdenum | 96-1  | 92       | 67       | 158      | 106      | 44.89  | cps   |
| Molybdenum | 97-1  | 8        | 8        | 67       | 28       | 121.26 | cps   |
| Molybdenum | 98-1  | 58       | 42       | 75       | 58       | 28.57  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 0        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 87       | 107      | 80       | 91       | 15.23  | cps   |
| Phosphorus | 31-2  | 400      | 317      | 325      | 347      | 13.22  | cps   |
| Potassium  | 39-2  | 52167    | 51557    | 51834    | 51853    | 0.59   | cps   |
| Rhodium    | 103-1 | 10491307 | 10532030 | 10641524 | 10554954 | 0.74   | cps   |
| Rhodium    | 103-2 | 6095521  | 6122536  | 6078468  | 6098842  | 0.36   | cps   |
| Scandium   | 45-1  | 5502967  | 5515636  | 5572345  | 5530316  | 0.67   | cps   |
| Scandium   | 45-2  | 333596   | 336297   | 332048   | 333980   | 0.64   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 144      | 126      | 100      | 123      | 18.08  | cps   |
| Selenium   | 82-1  | 341      | 211      | 147      | 233      | 42.44  | cps   |
| Silicon    | 28-1  | 193504   | 194820   | 191298   | 193207   | 0.92   | cps   |
| Silver     | 109-1 | 83       | 67       | 75       | 75       | 11.11  | cps   |
| Silver     | 107-1 | 125      | 125      | 133      | 128      | 3.76   | cps   |
| Sodium     | 23-2  | 29572    | 28469    | 28536    | 28859    | 2.14   | cps   |
| Strontium  | 86-1  | 1242     | 1067     | 917      | 1075     | 15.13  | cps   |
| Strontium  | 88-1  | 450      | 583      | 417      | 483      | 18.25  | cps   |
| Sulfur     | 34-1  | 366411   | 363985   | 360682   | 363693   | 0.79   | cps   |
| Terbium    | 159-1 | 14087946 | 14304381 | 14256902 | 14216410 | 0.80   | cps   |
| Terbium    | 159-2 | 8929372  | 8829163  | 8913259  | 8890598  | 0.61   | cps   |
| Thallium   | 203-1 | 183      | 158      | 117      | 153      | 22.04  | cps   |
| Thallium   | 205-1 | 450      | 367      | 292      | 369      | 21.44  | cps   |
| Tin        | 118-1 | 883      | 783      | 908      | 858      | 7.71   | cps   |
| Titanium   | 47-1  | 183      | 108      | 117      | 136      | 30.20  | cps   |
| Uranium    | 238-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Vanadium   | 51-2  | 20       | 23       | 23       | 22       | 8.65   | cps   |
| Yttrium    | 89-1  | 11082779 | 11142008 | 11307934 | 11177574 | 1.04   | cps   |
| Yttrium    | 89-2  | 1934486  | 1926694  | 1930961  | 1930714  | 0.20   | cps   |
| Zinc       | 66-2  | 190      | 173      | 170      | 178      | 6.03   | cps   |
| Zirconium  | 90-1  | 633      | 617      | 725      | 658      | 8.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB04               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB04               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:56:13 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 117  | 133  | 111     | 22.91  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-11-FL1-CL2-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:59:39   | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 18370    | 17461    | 16885    | 17572    | 4.26   | cps   |
| Antimony   | 121-1 | 3851     | 3192     | 3459     | 3501     | 9.46   | cps   |
| Arsenic    | 75-2  | 165      | 207      | 187      | 186      | 11.43  | cps   |
| Barium     | 135-1 | 50125    | 51605    | 51346    | 51025    | 1.55   | cps   |
| Barium     | 137-1 | 88758    | 89975    | 88465    | 89066    | 0.90   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 11       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 9313154  | 9310383  | 9124636  | 9249391  | 1.17   | cps   |
| Bismuth    | 209-2 | 6233511  | 6156307  | 6147552  | 6179123  | 0.77   | cps   |
| Boron      | 10-1  | 558      | 592      | 567      | 572      | 3.03   | cps   |
| Boron      | 11-1  | 3376     | 3426     | 3325     | 3376     | 1.48   | cps   |
| Cadmium    | 111-1 | 2983     | 3047     | 3155     | 3062     | 2.83   | cps   |
| Cadmium    | 106-1 | 4226     | 4359     | 4501     | 4362     | 3.15   | cps   |
| Cadmium    | 108-1 | 29       | 42       | 29       | 33       | 21.65  | cps   |
| Calcium    | 43-1  | 176779   | 174166   | 176373   | 175773   | 0.80   | cps   |
| Calcium    | 44-1  | 2900788  | 2852499  | 2858392  | 2870559  | 0.92   | cps   |
| Chromium   | 52-2  | 3384     | 3367     | 3434     | 3395     | 1.02   | cps   |
| Cobalt     | 59-2  | 770      | 713      | 650      | 711      | 8.44   | cps   |
| Copper     | 63-2  | 1100244  | 1093656  | 1082721  | 1092207  | 0.81   | cps   |
| Dysprosium | 156-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Dysprosium | 156-2 | 30       | 50       | 50       | 43       | 26.65  | cps   |
| Erbium     | 164-1 | 100      | 83       | 50       | 78       | 32.74  | cps   |
| Erbium     | 164-2 | 47       | 70       | 53       | 57       | 21.21  | cps   |
| Gadolinium | 160-1 | 200      | 217      | 183      | 200      | 8.33   | cps   |
| Gadolinium | 160-2 | 210      | 193      | 253      | 219      | 14.15  | cps   |
| Holmium    | 165-1 | 14194868 | 14086271 | 14117896 | 14133012 | 0.40   | cps   |
| Holmium    | 165-2 | 8975595  | 8864239  | 8911173  | 8917002  | 0.63   | cps   |
| Indium     | 115-1 | 11618469 | 11661849 | 11667353 | 11649224 | 0.23   | cps   |
| Indium     | 115-2 | 2647353  | 2636181  | 2602578  | 2628704  | 0.89   | cps   |
| Iron       | 56-2  | 95554    | 94414    | 94083    | 94684    | 0.81   | cps   |
| Iron       | 57-2  | 3289     | 3150     | 2995     | 3145     | 4.69   | cps   |
| Lead       | 206-1 | 5323     | 5457     | 6300     | 5693     | 9.30   | cps   |
| Lead       | 207-1 | 4473     | 4456     | 4579     | 4503     | 1.47   | cps   |
| Lead       | 208-1 | 21396    | 21463    | 22006    | 21622    | 1.55   | cps   |
| Lithium    | 6-1   | 376174   | 378826   | 378209   | 377736   | 0.37   | cps   |
| Magnesium  | 24-2  | 354220   | 357306   | 353158   | 354895   | 0.61   | cps   |
| Manganese  | 55-2  | 34103    | 33177    | 33171    | 33484    | 1.60   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-11-FL1-CL2-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:59:39   | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 542      | 483      | 633      | 553      | 13.68  | cps   |
| Molybdenum | 95-1  | 308      | 308      | 242      | 286      | 13.45  | cps   |
| Molybdenum | 96-1  | 400      | 425      | 425      | 417      | 3.46   | cps   |
| Molybdenum | 97-1  | 225      | 158      | 175      | 186      | 18.64  | cps   |
| Molybdenum | 98-1  | 417      | 483      | 367      | 422      | 13.86  | cps   |
| Neodymium  | 150-1 | 60       | 93       | 80       | 78       | 21.57  | cps   |
| Neodymium  | 150-2 | 33       | 37       | 23       | 31       | 22.31  | cps   |
| Nickel     | 60-2  | 9523     | 8776     | 9016     | 9105     | 4.19   | cps   |
| Phosphorus | 31-2  | 5351     | 5301     | 5259     | 5304     | 0.87   | cps   |
| Potassium  | 39-2  | 209032   | 205462   | 203563   | 206019   | 1.35   | cps   |
| Rhodium    | 103-1 | 10702364 | 10738217 | 10639936 | 10693506 | 0.47   | cps   |
| Rhodium    | 103-2 | 6128983  | 6046977  | 6040262  | 6072074  | 0.81   | cps   |
| Scandium   | 45-1  | 5701678  | 5633562  | 5622447  | 5652562  | 0.76   | cps   |
| Scandium   | 45-2  | 339938   | 336073   | 332520   | 336177   | 1.10   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 113      | 120      | 133      | 122      | 8.44   | cps   |
| Selenium   | 82-1  | 238      | 251      | 201      | 230      | 11.09  | cps   |
| Silicon    | 28-1  | 5832150  | 5828815  | 5820462  | 5827142  | 0.10   | cps   |
| Silver     | 109-1 | 117      | 83       | 125      | 108      | 20.35  | cps   |
| Silver     | 107-1 | 133      | 175      | 117      | 142      | 21.21  | cps   |
| Sodium     | 23-2  | 6163193  | 6161412  | 6074782  | 6133129  | 0.82   | cps   |
| Strontium  | 86-1  | 78473    | 77878    | 77501    | 77951    | 0.63   | cps   |
| Strontium  | 88-1  | 672928   | 672830   | 673476   | 673078   | 0.05   | cps   |
| Sulfur     | 34-1  | 427878   | 429322   | 423801   | 427000   | 0.67   | cps   |
| Terbium    | 159-1 | 14572030 | 14730389 | 14445684 | 14582701 | 0.98   | cps   |
| Terbium    | 159-2 | 8954873  | 8890823  | 8911132  | 8918943  | 0.37   | cps   |
| Thallium   | 203-1 | 358      | 300      | 283      | 314      | 12.55  | cps   |
| Thallium   | 205-1 | 800      | 683      | 767      | 750      | 8.01   | cps   |
| Tin        | 118-1 | 2725     | 2659     | 2659     | 2681     | 1.44   | cps   |
| Titanium   | 47-1  | 783      | 725      | 833      | 781      | 6.95   | cps   |
| Uranium    | 238-1 | 567      | 525      | 475      | 522      | 8.79   | cps   |
| Vanadium   | 51-2  | 313      | 290      | 287      | 297      | 4.90   | cps   |
| Yttrium    | 89-1  | 11466795 | 11368263 | 11356142 | 11397067 | 0.53   | cps   |
| Yttrium    | 89-2  | 1960679  | 1926786  | 1920513  | 1935993  | 1.12   | cps   |
| Zinc       | 66-2  | 266802   | 263703   | 262670   | 264392   | 0.81   | cps   |
| Zirconium  | 90-1  | 1642     | 1150     | 1500     | 1431     | 17.69  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-11              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-11-FL1-CL2-W2-F | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 19:59:39   | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 200  | 267  | 236     | 14.26  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1859     | 1450     | 1400     | 1570     | 16.02  | cps   |
| Antimony   | 121-1 | 942      | 933      | 1017     | 964      | 4.76   | cps   |
| Arsenic    | 75-2  | 176      | 196      | 187      | 186      | 5.47   | cps   |
| Barium     | 135-1 | 53186    | 52224    | 51379    | 52263    | 1.73   | cps   |
| Barium     | 137-1 | 90687    | 90117    | 90512    | 90438    | 0.32   | cps   |
| Beryllium  | 9-1   | 33       | 6        | 11       | 17       | 88.17  | cps   |
| Bismuth    | 209-1 | 9170999  | 9085193  | 9124709  | 9126967  | 0.47   | cps   |
| Bismuth    | 209-2 | 7084943  | 7069565  | 6229519  | 6794676  | 7.20   | cps   |
| Boron      | 10-1  | 575      | 508      | 467      | 517      | 10.58  | cps   |
| Boron      | 11-1  | 3034     | 2717     | 2884     | 2878     | 5.50   | cps   |
| Cadmium    | 111-1 | 3275     | 2882     | 2846     | 3001     | 7.94   | cps   |
| Cadmium    | 106-1 | 4626     | 4101     | 4026     | 4251     | 7.69   | cps   |
| Cadmium    | 108-1 | 13       | 38       | 8        | 19       | 81.14  | cps   |
| Calcium    | 43-1  | 171231   | 171339   | 170717   | 171095   | 0.19   | cps   |
| Calcium    | 44-1  | 2829809  | 2817092  | 2809698  | 2818866  | 0.36   | cps   |
| Chromium   | 52-2  | 3200     | 3394     | 3220     | 3272     | 3.25   | cps   |
| Cobalt     | 59-2  | 173      | 140      | 180      | 164      | 13.03  | cps   |
| Copper     | 63-2  | 1271240  | 1270394  | 1259747  | 1267127  | 0.51   | cps   |
| Dysprosium | 156-1 | 42       | 42       | 58       | 47       | 20.38  | cps   |
| Dysprosium | 156-2 | 33       | 23       | 23       | 27       | 21.65  | cps   |
| Erbium     | 164-1 | 92       | 83       | 67       | 81       | 15.80  | cps   |
| Erbium     | 164-2 | 63       | 57       | 73       | 64       | 13.01  | cps   |
| Gadolinium | 160-1 | 175      | 225      | 250      | 217      | 17.62  | cps   |
| Gadolinium | 160-2 | 173      | 203      | 173      | 183      | 9.45   | cps   |
| Holmium    | 165-1 | 14075954 | 14006751 | 13855755 | 13979487 | 0.81   | cps   |
| Holmium    | 165-2 | 9209320  | 9088214  | 8996375  | 9097970  | 1.17   | cps   |
| Indium     | 115-1 | 11548968 | 11470605 | 11529144 | 11516239 | 0.35   | cps   |
| Indium     | 115-2 | 2729718  | 2670083  | 2638927  | 2679576  | 1.72   | cps   |
| Iron       | 56-2  | 74292    | 74591    | 75691    | 74858    | 0.98   | cps   |
| Iron       | 57-2  | 2656     | 2939     | 2506     | 2700     | 8.15   | cps   |
| Lead       | 206-1 | 2089     | 2228     | 1928     | 2082     | 7.21   | cps   |
| Lead       | 207-1 | 1784     | 1867     | 1745     | 1798     | 3.47   | cps   |
| Lead       | 208-1 | 7968     | 8496     | 8023     | 8162     | 3.55   | cps   |
| Lithium    | 6-1   | 371861   | 382750   | 373212   | 375941   | 1.58   | cps   |
| Magnesium  | 24-2  | 357870   | 365558   | 356824   | 360084   | 1.32   | cps   |
| Manganese  | 55-2  | 28965    | 27589    | 27833    | 28129    | 2.61   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 675      | 567      | 575      | 606      | 9.96   | cps   |
| Molybdenum | 95-1  | 250      | 367      | 258      | 292      | 22.32  | cps   |
| Molybdenum | 96-1  | 442      | 408      | 425      | 425      | 3.92   | cps   |
| Molybdenum | 97-1  | 250      | 142      | 167      | 186      | 30.48  | cps   |
| Molybdenum | 98-1  | 492      | 542      | 408      | 481      | 14.02  | cps   |
| Neodymium  | 150-1 | 27       | 13       | 60       | 33       | 72.11  | cps   |
| Neodymium  | 150-2 | 13       | 27       | 20       | 20       | 33.35  | cps   |
| Nickel     | 60-2  | 673      | 677      | 667      | 672      | 0.76   | cps   |
| Phosphorus | 31-2  | 5718     | 6218     | 5835     | 5924     | 4.42   | cps   |
| Potassium  | 39-2  | 203131   | 206981   | 206468   | 205527   | 1.02   | cps   |
| Rhodium    | 103-1 | 10584040 | 10578888 | 10520546 | 10561158 | 0.33   | cps   |
| Rhodium    | 103-2 | 6314068  | 6222910  | 6132404  | 6223127  | 1.46   | cps   |
| Scandium   | 45-1  | 5635045  | 5580996  | 5603423  | 5606488  | 0.48   | cps   |
| Scandium   | 45-2  | 345727   | 348163   | 337021   | 343637   | 1.70   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 107      | 137      | 111      | 119      | 13.62  | cps   |
| Selenium   | 82-1  | 286      | 188      | 224      | 233      | 21.17  | cps   |
| Silicon    | 28-1  | 5736754  | 5801141  | 5612843  | 5716913  | 1.67   | cps   |
| Silver     | 109-1 | 117      | 100      | 100      | 106      | 9.11   | cps   |
| Silver     | 107-1 | 117      | 183      | 133      | 144      | 24.02  | cps   |
| Sodium     | 23-2  | 6166774  | 6231586  | 6123333  | 6173898  | 0.88   | cps   |
| Strontium  | 86-1  | 77711    | 76906    | 75817    | 76811    | 1.24   | cps   |
| Strontium  | 88-1  | 674324   | 673199   | 669366   | 672297   | 0.39   | cps   |
| Sulfur     | 34-1  | 423289   | 421087   | 420253   | 421543   | 0.37   | cps   |
| Terbium    | 159-1 | 14433653 | 14581169 | 14434841 | 14483221 | 0.59   | cps   |
| Terbium    | 159-2 | 9264111  | 9023620  | 8986411  | 9091381  | 1.66   | cps   |
| Thallium   | 203-1 | 350      | 283      | 267      | 300      | 14.70  | cps   |
| Thallium   | 205-1 | 575      | 733      | 708      | 672      | 12.66  | cps   |
| Tin        | 118-1 | 1275     | 1492     | 1258     | 1342     | 9.70   | cps   |
| Titanium   | 47-1  | 917      | 850      | 1084     | 950      | 12.66  | cps   |
| Uranium    | 238-1 | 483      | 475      | 383      | 447      | 12.41  | cps   |
| Vanadium   | 51-2  | 240      | 213      | 300      | 251      | 17.68  | cps   |
| Yttrium    | 89-1  | 11335419 | 11456195 | 11287580 | 11359731 | 0.76   | cps   |
| Yttrium    | 89-2  | 1988129  | 1965595  | 1931627  | 1961784  | 1.45   | cps   |
| Zinc       | 66-2  | 6405     | 6692     | 6715     | 6604     | 2.62   | cps   |
| Zirconium  | 90-1  | 1225     | 1208     | 1133     | 1189     | 4.11   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-12              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-12-FL1-CL2-W2-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:03:04   | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 242  | 267  | 236     | 14.26  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-13-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:06:28  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7152     | 6610     | 6952     | 6905     | 3.97   | cps   |
| Antimony   | 121-1 | 3659     | 4017     | 3484     | 3720     | 7.31   | cps   |
| Arsenic    | 75-2  | 222      | 202      | 207      | 211      | 5.00   | cps   |
| Barium     | 135-1 | 50317    | 47449    | 48460    | 48742    | 2.98   | cps   |
| Barium     | 137-1 | 86955    | 83912    | 84942    | 85270    | 1.81   | cps   |
| Beryllium  | 9-1   | 22       | 17       | 11       | 17       | 33.33  | cps   |
| Bismuth    | 209-1 | 9018839  | 9227181  | 9223192  | 9156404  | 1.30   | cps   |
| Bismuth    | 209-2 | 6190874  | 6181907  | 6130153  | 6167644  | 0.53   | cps   |
| Boron      | 10-1  | 433      | 575      | 575      | 528      | 15.50  | cps   |
| Boron      | 11-1  | 3009     | 3192     | 3242     | 3148     | 3.90   | cps   |
| Cadmium    | 111-1 | 2729     | 2853     | 3246     | 2943     | 9.17   | cps   |
| Cadmium    | 106-1 | 3884     | 4059     | 4643     | 4195     | 9.47   | cps   |
| Cadmium    | 108-1 | 21       | 38       | 29       | 29       | 28.58  | cps   |
| Calcium    | 43-1  | 171155   | 172849   | 173499   | 172501   | 0.70   | cps   |
| Calcium    | 44-1  | 2801529  | 2821599  | 2841098  | 2821409  | 0.70   | cps   |
| Chromium   | 52-2  | 3494     | 3484     | 3527     | 3502     | 0.65   | cps   |
| Cobalt     | 59-2  | 277      | 297      | 290      | 288      | 3.54   | cps   |
| Copper     | 63-2  | 1825834  | 1822556  | 1803948  | 1817446  | 0.65   | cps   |
| Dysprosium | 156-1 | 58       | 83       | 67       | 69       | 18.33  | cps   |
| Dysprosium | 156-2 | 37       | 43       | 57       | 46       | 22.36  | cps   |
| Erbium     | 164-1 | 192      | 25       | 150      | 122      | 70.97  | cps   |
| Erbium     | 164-2 | 87       | 53       | 57       | 66       | 28.01  | cps   |
| Gadolinium | 160-1 | 275      | 233      | 208      | 239      | 14.10  | cps   |
| Gadolinium | 160-2 | 193      | 190      | 213      | 199      | 6.34   | cps   |
| Holmium    | 165-1 | 13958582 | 13868311 | 13977251 | 13934715 | 0.42   | cps   |
| Holmium    | 165-2 | 9002941  | 8957109  | 8912499  | 8957516  | 0.50   | cps   |
| Indium     | 115-1 | 11272020 | 11563605 | 11643665 | 11493096 | 1.70   | cps   |
| Indium     | 115-2 | 2638748  | 2640899  | 2646392  | 2642013  | 0.15   | cps   |
| Iron       | 56-2  | 105245   | 102073   | 101197   | 102838   | 2.07   | cps   |
| Iron       | 57-2  | 3378     | 3462     | 3250     | 3363     | 3.16   | cps   |
| Lead       | 206-1 | 7274     | 7130     | 7502     | 7302     | 2.57   | cps   |
| Lead       | 207-1 | 6418     | 6002     | 6457     | 6292     | 4.02   | cps   |
| Lead       | 208-1 | 28924    | 28697    | 29475    | 29032    | 1.38   | cps   |
| Lithium    | 6-1   | 367158   | 372716   | 374934   | 371603   | 1.08   | cps   |
| Magnesium  | 24-2  | 365929   | 361695   | 356321   | 361315   | 1.33   | cps   |
| Manganese  | 55-2  | 41759    | 40777    | 41185    | 41240    | 1.20   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-13-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:06:28  | DataFile Name :   | 080SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 550      | 517      | 558      | 8.31   | cps   |
| Molybdenum | 95-1  | 275      | 242      | 308      | 275      | 12.12  | cps   |
| Molybdenum | 96-1  | 375      | 433      | 408      | 406      | 7.22   | cps   |
| Molybdenum | 97-1  | 225      | 250      | 175      | 217      | 17.62  | cps   |
| Molybdenum | 98-1  | 325      | 383      | 367      | 358      | 8.39   | cps   |
| Neodymium  | 150-1 | 53       | 167      | 87       | 102      | 56.98  | cps   |
| Neodymium  | 150-2 | 43       | 27       | 37       | 36       | 23.58  | cps   |
| Nickel     | 60-2  | 7439     | 7605     | 7552     | 7532     | 1.13   | cps   |
| Phosphorus | 31-2  | 5751     | 5651     | 5485     | 5629     | 2.39   | cps   |
| Potassium  | 39-2  | 206544   | 209273   | 205743   | 207187   | 0.89   | cps   |
| Rhodium    | 103-1 | 10401250 | 10660209 | 10533002 | 10531487 | 1.23   | cps   |
| Rhodium    | 103-2 | 6149721  | 6175620  | 6073691  | 6133011  | 0.86   | cps   |
| Scandium   | 45-1  | 5586440  | 5590149  | 5650003  | 5608864  | 0.64   | cps   |
| Scandium   | 45-2  | 335250   | 335829   | 332147   | 334409   | 0.59   | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 137      | 124      | 120      | 127      | 6.88   | cps   |
| Selenium   | 82-1  | 168      | 153      | 257      | 193      | 29.08  | cps   |
| Silicon    | 28-1  | 5682648  | 5826973  | 5832437  | 5780686  | 1.47   | cps   |
| Silver     | 109-1 | 150      | 92       | 158      | 133      | 27.24  | cps   |
| Silver     | 107-1 | 217      | 225      | 217      | 219      | 2.19   | cps   |
| Sodium     | 23-2  | 6262034  | 6283277  | 6181882  | 6242398  | 0.86   | cps   |
| Strontium  | 86-1  | 75549    | 76337    | 75357    | 75748    | 0.69   | cps   |
| Strontium  | 88-1  | 651796   | 664204   | 662865   | 659622   | 1.03   | cps   |
| Sulfur     | 34-1  | 419930   | 422381   | 418274   | 420195   | 0.49   | cps   |
| Terbium    | 159-1 | 14388405 | 14472497 | 14530224 | 14463709 | 0.49   | cps   |
| Terbium    | 159-2 | 9056281  | 8945712  | 9013335  | 9005109  | 0.62   | cps   |
| Thallium   | 203-1 | 292      | 300      | 392      | 328      | 16.93  | cps   |
| Thallium   | 205-1 | 758      | 867      | 842      | 822      | 6.90   | cps   |
| Tin        | 118-1 | 2134     | 2284     | 2142     | 2186     | 3.86   | cps   |
| Titanium   | 47-1  | 933      | 875      | 700      | 836      | 14.52  | cps   |
| Uranium    | 238-1 | 558      | 517      | 492      | 522      | 6.45   | cps   |
| Vanadium   | 51-2  | 280      | 273      | 310      | 288      | 6.79   | cps   |
| Yttrium    | 89-1  | 11253957 | 11375473 | 11380939 | 11336790 | 0.63   | cps   |
| Yttrium    | 89-2  | 1953030  | 1942343  | 1934033  | 1943135  | 0.49   | cps   |
| Zinc       | 66-2  | 23185    | 22818    | 22381    | 22795    | 1.77   | cps   |
| Zirconium  | 90-1  | 1408     | 1242     | 1142     | 1264     | 10.66  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-13             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-13-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:06:28  | DataFile Name :   | 080SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 258  | 192  | 225     | 14.81  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-14-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:09:53  | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1867     | 1884     | 1725     | 1825     | 4.77   | cps   |
| Antimony   | 121-1 | 2325     | 2159     | 2309     | 2264     | 4.06   | cps   |
| Arsenic    | 75-2  | 194      | 187      | 200      | 194      | 3.35   | cps   |
| Barium     | 135-1 | 50936    | 50333    | 49874    | 50381    | 1.06   | cps   |
| Barium     | 137-1 | 88473    | 87316    | 87316    | 87702    | 0.76   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 0        | 15       | 86.60  | cps   |
| Bismuth    | 209-1 | 9132867  | 9139367  | 9094089  | 9122108  | 0.27   | cps   |
| Bismuth    | 209-2 | 6095556  | 6133718  | 6101582  | 6110285  | 0.34   | cps   |
| Boron      | 10-1  | 675      | 608      | 550      | 611      | 10.23  | cps   |
| Boron      | 11-1  | 3109     | 3125     | 2900     | 3045     | 4.12   | cps   |
| Cadmium    | 111-1 | 3165     | 3294     | 3037     | 3165     | 4.05   | cps   |
| Cadmium    | 106-1 | 4493     | 4693     | 4276     | 4487     | 4.65   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 8        | 17       | 66.16  | cps   |
| Calcium    | 43-1  | 169806   | 170026   | 170708   | 170180   | 0.28   | cps   |
| Calcium    | 44-1  | 2765427  | 2769519  | 2790559  | 2775168  | 0.49   | cps   |
| Chromium   | 52-2  | 3490     | 3377     | 3484     | 3450     | 1.84   | cps   |
| Cobalt     | 59-2  | 197      | 180      | 190      | 189      | 4.44   | cps   |
| Copper     | 63-2  | 1507757  | 1517849  | 1528007  | 1517871  | 0.67   | cps   |
| Dysprosium | 156-1 | 67       | 83       | 58       | 69       | 18.33  | cps   |
| Dysprosium | 156-2 | 67       | 70       | 37       | 58       | 31.77  | cps   |
| Erbium     | 164-1 | 75       | 42       | 100      | 72       | 40.52  | cps   |
| Erbium     | 164-2 | 93       | 73       | 77       | 81       | 13.22  | cps   |
| Gadolinium | 160-1 | 217      | 283      | 250      | 250      | 13.33  | cps   |
| Gadolinium | 160-2 | 193      | 217      | 227      | 212      | 8.06   | cps   |
| Holmium    | 165-1 | 13896292 | 13870551 | 13971047 | 13912630 | 0.38   | cps   |
| Holmium    | 165-2 | 8841854  | 8867760  | 8954124  | 8887913  | 0.66   | cps   |
| Indium     | 115-1 | 11535504 | 11360888 | 11450628 | 11449007 | 0.76   | cps   |
| Indium     | 115-2 | 2596535  | 2611027  | 2597974  | 2601845  | 0.31   | cps   |
| Iron       | 56-2  | 89801    | 88972    | 88323    | 89032    | 0.83   | cps   |
| Iron       | 57-2  | 2911     | 3228     | 3301     | 3147     | 6.58   | cps   |
| Lead       | 206-1 | 10883    | 10755    | 10404    | 10681    | 2.32   | cps   |
| Lead       | 207-1 | 8642     | 8881     | 8692     | 8738     | 1.44   | cps   |
| Lead       | 208-1 | 41482    | 40931    | 40737    | 41050    | 0.94   | cps   |
| Lithium    | 6-1   | 369773   | 369530   | 368655   | 369319   | 0.16   | cps   |
| Magnesium  | 24-2  | 354371   | 354723   | 356019   | 355038   | 0.24   | cps   |
| Manganese  | 55-2  | 35550    | 36144    | 35399    | 35698    | 1.10   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-14-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:09:53  | DataFile Name :   | 081SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 575      | 617      | 561      | 11.34  | cps   |
| Molybdenum | 95-1  | 292      | 208      | 217      | 239      | 19.21  | cps   |
| Molybdenum | 96-1  | 333      | 358      | 467      | 386      | 18.36  | cps   |
| Molybdenum | 97-1  | 175      | 208      | 175      | 186      | 10.34  | cps   |
| Molybdenum | 98-1  | 458      | 442      | 533      | 478      | 10.22  | cps   |
| Neodymium  | 150-1 | 73       | 113      | 87       | 91       | 22.35  | cps   |
| Neodymium  | 150-2 | 17       | 7        | 20       | 14       | 48.02  | cps   |
| Nickel     | 60-2  | 1007     | 1007     | 1100     | 1038     | 5.19   | cps   |
| Phosphorus | 31-2  | 5926     | 5843     | 5843     | 5871     | 0.82   | cps   |
| Potassium  | 39-2  | 201365   | 205995   | 202351   | 203237   | 1.20   | cps   |
| Rhodium    | 103-1 | 10482550 | 10563599 | 10587572 | 10544574 | 0.52   | cps   |
| Rhodium    | 103-2 | 5988794  | 6041790  | 6023347  | 6017977  | 0.45   | cps   |
| Scandium   | 45-1  | 5525745  | 5524979  | 5525037  | 5525254  | 0.01   | cps   |
| Scandium   | 45-2  | 331717   | 332580   | 330010   | 331436   | 0.39   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 126      | 106      | 109      | 114      | 9.55   | cps   |
| Selenium   | 82-1  | 312      | 120      | 228      | 220      | 43.86  | cps   |
| Silicon    | 28-1  | 5706434  | 5683561  | 5701316  | 5697104  | 0.21   | cps   |
| Silver     | 109-1 | 133      | 100      | 183      | 139      | 30.20  | cps   |
| Silver     | 107-1 | 150      | 175      | 233      | 186      | 22.98  | cps   |
| Sodium     | 23-2  | 6121869  | 6127568  | 6106272  | 6118570  | 0.18   | cps   |
| Strontium  | 86-1  | 76069    | 75893    | 76453    | 76138    | 0.38   | cps   |
| Strontium  | 88-1  | 659257   | 663190   | 659759   | 660735   | 0.32   | cps   |
| Sulfur     | 34-1  | 418354   | 420907   | 420675   | 419979   | 0.34   | cps   |
| Terbium    | 159-1 | 14327919 | 14269495 | 14202920 | 14266778 | 0.44   | cps   |
| Terbium    | 159-2 | 8864129  | 8949497  | 8924607  | 8912744  | 0.49   | cps   |
| Thallium   | 203-1 | 367      | 442      | 317      | 375      | 16.78  | cps   |
| Thallium   | 205-1 | 800      | 800      | 758      | 786      | 3.06   | cps   |
| Tin        | 118-1 | 1567     | 1550     | 1475     | 1531     | 3.19   | cps   |
| Titanium   | 47-1  | 933      | 875      | 917      | 908      | 3.31   | cps   |
| Uranium    | 238-1 | 492      | 700      | 500      | 564      | 20.92  | cps   |
| Vanadium   | 51-2  | 240      | 277      | 267      | 261      | 7.26   | cps   |
| Yttrium    | 89-1  | 11155999 | 11347472 | 11298473 | 11267315 | 0.88   | cps   |
| Yttrium    | 89-2  | 1905378  | 1911893  | 1914608  | 1910626  | 0.25   | cps   |
| Zinc       | 66-2  | 5575     | 5885     | 5731     | 5730     | 2.71   | cps   |
| Zirconium  | 90-1  | 1192     | 1342     | 1375     | 1303     | 7.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-14             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-14-FL1-BRGCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:09:53  | DataFile Name :   | 081SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 367  | 333  | 319     | 17.37  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-15 Instrumnet Name : P7  
 Client Sample ID : DC747-15-FL1-BRBCL2- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:13:18 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3534     | 3317     | 3701     | 3517     | 5.47   | cps   |
| Antimony   | 121-1 | 6727     | 6885     | 6594     | 6735     | 2.17   | cps   |
| Arsenic    | 75-2  | 167      | 189      | 170      | 175      | 6.79   | cps   |
| Barium     | 135-1 | 51212    | 51112    | 50785    | 51037    | 0.44   | cps   |
| Barium     | 137-1 | 89287    | 88170    | 90142    | 89200    | 1.11   | cps   |
| Beryllium  | 9-1   | 28       | 6        | 11       | 15       | 78.05  | cps   |
| Bismuth    | 209-1 | 9302904  | 9132679  | 9140294  | 9191959  | 1.05   | cps   |
| Bismuth    | 209-2 | 6065316  | 6077585  | 6038664  | 6060522  | 0.33   | cps   |
| Boron      | 10-1  | 767      | 542      | 558      | 622      | 20.15  | cps   |
| Boron      | 11-1  | 2700     | 3084     | 3559     | 3114     | 13.81  | cps   |
| Cadmium    | 111-1 | 3115     | 3073     | 3218     | 3135     | 2.38   | cps   |
| Cadmium    | 106-1 | 4359     | 4309     | 4443     | 4370     | 1.54   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 13       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 173147   | 172370   | 168491   | 171336   | 1.46   | cps   |
| Calcium    | 44-1  | 2853954  | 2819649  | 2819828  | 2831144  | 0.70   | cps   |
| Chromium   | 52-2  | 3474     | 3427     | 3527     | 3476     | 1.44   | cps   |
| Cobalt     | 59-2  | 337      | 257      | 273      | 289      | 14.61  | cps   |
| Copper     | 63-2  | 1396527  | 1382743  | 1382639  | 1387303  | 0.58   | cps   |
| Dysprosium | 156-1 | 67       | 58       | 67       | 64       | 7.53   | cps   |
| Dysprosium | 156-2 | 53       | 33       | 23       | 37       | 41.66  | cps   |
| Erbium     | 164-1 | 158      | 108      | 92       | 119      | 29.05  | cps   |
| Erbium     | 164-2 | 37       | 43       | 50       | 43       | 15.38  | cps   |
| Gadolinium | 160-1 | 192      | 175      | 183      | 183      | 4.55   | cps   |
| Gadolinium | 160-2 | 197      | 173      | 173      | 181      | 7.44   | cps   |
| Holmium    | 165-1 | 14138096 | 14097274 | 14144368 | 14126579 | 0.18   | cps   |
| Holmium    | 165-2 | 8743515  | 8804024  | 8852282  | 8799940  | 0.62   | cps   |
| Indium     | 115-1 | 11657547 | 11689989 | 11650809 | 11666115 | 0.18   | cps   |
| Indium     | 115-2 | 2594208  | 2574558  | 2579290  | 2582685  | 0.40   | cps   |
| Iron       | 56-2  | 91611    | 87622    | 93939    | 91057    | 3.51   | cps   |
| Iron       | 57-2  | 2661     | 2995     | 3101     | 2919     | 7.86   | cps   |
| Lead       | 206-1 | 7847     | 7686     | 7714     | 7749     | 1.11   | cps   |
| Lead       | 207-1 | 6869     | 6685     | 6396     | 6650     | 3.58   | cps   |
| Lead       | 208-1 | 30715    | 29786    | 29959    | 30153    | 1.64   | cps   |
| Lithium    | 6-1   | 374147   | 375584   | 375292   | 375008   | 0.20   | cps   |
| Magnesium  | 24-2  | 349978   | 348775   | 348469   | 349074   | 0.23   | cps   |
| Manganese  | 55-2  | 37274    | 37117    | 36990    | 37127    | 0.38   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-15-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:13:18  | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 550      | 442      | 592      | 528      | 14.67  | cps   |
| Molybdenum | 95-1  | 250      | 250      | 308      | 269      | 12.50  | cps   |
| Molybdenum | 96-1  | 425      | 458      | 325      | 403      | 17.23  | cps   |
| Molybdenum | 97-1  | 183      | 150      | 142      | 158      | 13.92  | cps   |
| Molybdenum | 98-1  | 500      | 567      | 542      | 536      | 6.28   | cps   |
| Neodymium  | 150-1 | 100      | 40       | 67       | 69       | 43.64  | cps   |
| Neodymium  | 150-2 | 20       | 23       | 37       | 27       | 33.08  | cps   |
| Nickel     | 60-2  | 2460     | 2457     | 2284     | 2400     | 4.21   | cps   |
| Phosphorus | 31-2  | 5701     | 5760     | 5501     | 5654     | 2.40   | cps   |
| Potassium  | 39-2  | 203080   | 204636   | 202911   | 203542   | 0.47   | cps   |
| Rhodium    | 103-1 | 10640689 | 10666364 | 10684944 | 10663999 | 0.21   | cps   |
| Rhodium    | 103-2 | 6037439  | 5989220  | 6041157  | 6022606  | 0.48   | cps   |
| Scandium   | 45-1  | 5680923  | 5716115  | 5622764  | 5673267  | 0.83   | cps   |
| Scandium   | 45-2  | 330994   | 324930   | 329217   | 328380   | 0.95   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 102      | 94       | 113      | 103      | 9.04   | cps   |
| Selenium   | 82-1  | 187      | 176      | 295      | 219      | 29.96  | cps   |
| Silicon    | 28-1  | 5926423  | 5786517  | 5859565  | 5857502  | 1.19   | cps   |
| Silver     | 109-1 | 242      | 83       | 108      | 144      | 58.93  | cps   |
| Silver     | 107-1 | 175      | 150      | 192      | 172      | 12.18  | cps   |
| Sodium     | 23-2  | 6063804  | 6099004  | 6059923  | 6074244  | 0.35   | cps   |
| Strontium  | 86-1  | 77333    | 78296    | 78791    | 78140    | 0.95   | cps   |
| Strontium  | 88-1  | 667900   | 667127   | 671053   | 668693   | 0.31   | cps   |
| Sulfur     | 34-1  | 416372   | 419866   | 423982   | 420073   | 0.91   | cps   |
| Terbium    | 159-1 | 14574384 | 14617389 | 14605020 | 14598931 | 0.15   | cps   |
| Terbium    | 159-2 | 8921837  | 8871099  | 8816890  | 8869942  | 0.59   | cps   |
| Thallium   | 203-1 | 183      | 267      | 333      | 261      | 28.78  | cps   |
| Thallium   | 205-1 | 750      | 883      | 658      | 764      | 14.81  | cps   |
| Tin        | 118-1 | 16302    | 16702    | 17119    | 16708    | 2.45   | cps   |
| Titanium   | 47-1  | 817      | 758      | 900      | 825      | 8.63   | cps   |
| Uranium    | 238-1 | 492      | 442      | 308      | 414      | 22.90  | cps   |
| Vanadium   | 51-2  | 253      | 233      | 263      | 250      | 6.11   | cps   |
| Yttrium    | 89-1  | 11423526 | 11390185 | 11415313 | 11409675 | 0.15   | cps   |
| Yttrium    | 89-2  | 1905227  | 1904015  | 1900587  | 1903276  | 0.13   | cps   |
| Zinc       | 66-2  | 30008    | 28825    | 29086    | 29306    | 2.12   | cps   |
| Zirconium  | 90-1  | 1133     | 1308     | 1233     | 1225     | 7.17   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-15             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-15-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:13:18  | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 275  | 317  | 281     | 12.00  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-16-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:16:43  | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4076     | 4259     | 4167     | 4167     | 2.20   | cps   |
| Antimony   | 121-1 | 1433     | 1500     | 1392     | 1442     | 3.79   | cps   |
| Arsenic    | 75-2  | 181      | 204      | 215      | 200      | 8.49   | cps   |
| Barium     | 135-1 | 52149    | 51414    | 52693    | 52085    | 1.23   | cps   |
| Barium     | 137-1 | 90016    | 86112    | 91383    | 89170    | 3.07   | cps   |
| Beryllium  | 9-1   | 6        | 33       | 22       | 20       | 68.62  | cps   |
| Bismuth    | 209-1 | 8926522  | 9043052  | 9178163  | 9049245  | 1.39   | cps   |
| Bismuth    | 209-2 | 6169872  | 6168784  | 6157595  | 6165417  | 0.11   | cps   |
| Boron      | 10-1  | 533      | 733      | 692      | 653      | 16.16  | cps   |
| Boron      | 11-1  | 3034     | 3025     | 2992     | 3017     | 0.73   | cps   |
| Cadmium    | 111-1 | 2886     | 2936     | 2907     | 2909     | 0.86   | cps   |
| Cadmium    | 106-1 | 4067     | 4184     | 4142     | 4131     | 1.43   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 168195   | 168976   | 172857   | 170009   | 1.47   | cps   |
| Calcium    | 44-1  | 2798298  | 2739541  | 2820305  | 2786048  | 1.50   | cps   |
| Chromium   | 52-2  | 3394     | 3454     | 3717     | 3522     | 4.89   | cps   |
| Cobalt     | 59-2  | 287      | 307      | 287      | 293      | 3.94   | cps   |
| Copper     | 63-2  | 1214579  | 1214655  | 1219188  | 1216141  | 0.22   | cps   |
| Dysprosium | 156-1 | 67       | 42       | 67       | 58       | 24.74  | cps   |
| Dysprosium | 156-2 | 50       | 20       | 40       | 37       | 41.66  | cps   |
| Erbium     | 164-1 | 158      | 92       | 125      | 125      | 26.67  | cps   |
| Erbium     | 164-2 | 57       | 57       | 60       | 58       | 3.33   | cps   |
| Gadolinium | 160-1 | 242      | 158      | 250      | 217      | 23.40  | cps   |
| Gadolinium | 160-2 | 180      | 210      | 160      | 183      | 13.73  | cps   |
| Holmium    | 165-1 | 13972773 | 13800743 | 13915189 | 13896235 | 0.63   | cps   |
| Holmium    | 165-2 | 9018712  | 8945268  | 8838457  | 8934146  | 1.01   | cps   |
| Indium     | 115-1 | 11377719 | 11408205 | 11456720 | 11414215 | 0.35   | cps   |
| Indium     | 115-2 | 2618069  | 2623036  | 2629900  | 2623668  | 0.23   | cps   |
| Iron       | 56-2  | 76769    | 79815    | 77801    | 78128    | 1.98   | cps   |
| Iron       | 57-2  | 2817     | 2678     | 2828     | 2775     | 3.02   | cps   |
| Lead       | 206-1 | 2272     | 2323     | 2145     | 2247     | 4.08   | cps   |
| Lead       | 207-1 | 1928     | 1728     | 1750     | 1802     | 6.08   | cps   |
| Lead       | 208-1 | 8896     | 8740     | 8902     | 8846     | 1.03   | cps   |
| Lithium    | 6-1   | 362948   | 374699   | 369960   | 369202   | 1.60   | cps   |
| Magnesium  | 24-2  | 353296   | 356550   | 358500   | 356115   | 0.74   | cps   |
| Manganese  | 55-2  | 26972    | 27436    | 26494    | 26967    | 1.75   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-16-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:16:43  | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 583      | 525      | 558      | 556      | 5.27   | cps   |
| Molybdenum | 95-1  | 283      | 233      | 317      | 278      | 15.10  | cps   |
| Molybdenum | 96-1  | 400      | 475      | 425      | 433      | 8.81   | cps   |
| Molybdenum | 97-1  | 258      | 183      | 192      | 211      | 19.47  | cps   |
| Molybdenum | 98-1  | 392      | 517      | 483      | 464      | 13.95  | cps   |
| Neodymium  | 150-1 | 47       | 20       | 47       | 38       | 40.76  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 30       | 24       | 28.38  | cps   |
| Nickel     | 60-2  | 1020     | 897      | 1027     | 981      | 7.46   | cps   |
| Phosphorus | 31-2  | 5735     | 5643     | 5610     | 5662     | 1.14   | cps   |
| Potassium  | 39-2  | 205878   | 208596   | 206747   | 207074   | 0.67   | cps   |
| Rhodium    | 103-1 | 10455725 | 10546054 | 10475193 | 10492324 | 0.45   | cps   |
| Rhodium    | 103-2 | 6098026  | 6101842  | 6130162  | 6110010  | 0.29   | cps   |
| Scandium   | 45-1  | 5523712  | 5471046  | 5610080  | 5534946  | 1.27   | cps   |
| Scandium   | 45-2  | 328909   | 334145   | 331412   | 331489   | 0.79   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 126      | 122      | 126      | 125      | 1.72   | cps   |
| Selenium   | 82-1  | 300      | 174      | 239      | 237      | 26.56  | cps   |
| Silicon    | 28-1  | 5664218  | 5751164  | 5694618  | 5703333  | 0.77   | cps   |
| Silver     | 109-1 | 83       | 133      | 108      | 108      | 23.08  | cps   |
| Silver     | 107-1 | 200      | 167      | 117      | 161      | 26.03  | cps   |
| Sodium     | 23-2  | 6147512  | 6177662  | 6177583  | 6167586  | 0.28   | cps   |
| Strontium  | 86-1  | 76395    | 75466    | 75314    | 75725    | 0.77   | cps   |
| Strontium  | 88-1  | 664912   | 666217   | 661242   | 664123   | 0.39   | cps   |
| Sulfur     | 34-1  | 416445   | 421566   | 422000   | 420004   | 0.74   | cps   |
| Terbium    | 159-1 | 14258764 | 14690401 | 14376766 | 14441977 | 1.54   | cps   |
| Terbium    | 159-2 | 8982248  | 8994145  | 9054369  | 9010254  | 0.43   | cps   |
| Thallium   | 203-1 | 333      | 358      | 275      | 322      | 13.27  | cps   |
| Thallium   | 205-1 | 692      | 842      | 792      | 775      | 9.86   | cps   |
| Tin        | 118-1 | 1892     | 2117     | 1917     | 1975     | 6.24   | cps   |
| Titanium   | 47-1  | 625      | 775      | 1000     | 800      | 23.59  | cps   |
| Uranium    | 238-1 | 508      | 533      | 600      | 547      | 8.66   | cps   |
| Vanadium   | 51-2  | 267      | 227      | 233      | 242      | 8.85   | cps   |
| Yttrium    | 89-1  | 11250322 | 11260884 | 11282387 | 11264531 | 0.15   | cps   |
| Yttrium    | 89-2  | 1938470  | 1921794  | 1929218  | 1929827  | 0.43   | cps   |
| Zinc       | 66-2  | 6472     | 6095     | 6518     | 6361     | 3.65   | cps   |
| Zirconium  | 90-1  | 1333     | 1283     | 1117     | 1245     | 9.12   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-16             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-16-FL1-BRBCL2- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:16:43  | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 292  | 267  | 272     | 6.37   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-17 Instrumnet Name : P7  
 Client Sample ID : DC747-17-FL1-CL3-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:20:08 DataFile Name : 084SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2334     | 2434     | 2234     | 2334     | 4.29   | cps   |
| Antimony   | 121-1 | 2434     | 2225     | 2309     | 2323     | 4.52   | cps   |
| Arsenic    | 75-2  | 200      | 180      | 187      | 189      | 5.46   | cps   |
| Barium     | 135-1 | 48085    | 49272    | 48059    | 48472    | 1.43   | cps   |
| Barium     | 137-1 | 82319    | 84465    | 82370    | 83051    | 1.47   | cps   |
| Beryllium  | 9-1   | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Bismuth    | 209-1 | 9249352  | 9173516  | 9221178  | 9214682  | 0.42   | cps   |
| Bismuth    | 209-2 | 6175819  | 6197867  | 6177462  | 6183716  | 0.20   | cps   |
| Boron      | 10-1  | 525      | 467      | 508      | 500      | 6.01   | cps   |
| Boron      | 11-1  | 3034     | 2917     | 2934     | 2962     | 2.13   | cps   |
| Cadmium    | 111-1 | 2886     | 2951     | 2943     | 2927     | 1.21   | cps   |
| Cadmium    | 106-1 | 4101     | 4184     | 4167     | 4151     | 1.06   | cps   |
| Cadmium    | 108-1 | 38       | 33       | 29       | 33       | 12.50  | cps   |
| Calcium    | 43-1  | 172512   | 169731   | 168052   | 170098   | 1.32   | cps   |
| Calcium    | 44-1  | 2783824  | 2795504  | 2757670  | 2778999  | 0.70   | cps   |
| Chromium   | 52-2  | 3721     | 3734     | 3661     | 3705     | 1.05   | cps   |
| Cobalt     | 59-2  | 237      | 263      | 190      | 230      | 16.14  | cps   |
| Copper     | 63-2  | 1108763  | 1111219  | 1113629  | 1111204  | 0.22   | cps   |
| Dysprosium | 156-1 | 67       | 100      | 17       | 61       | 68.63  | cps   |
| Dysprosium | 156-2 | 60       | 40       | 23       | 41       | 44.66  | cps   |
| Erbium     | 164-1 | 108      | 58       | 83       | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 73       | 43       | 53       | 57       | 26.97  | cps   |
| Gadolinium | 160-1 | 242      | 158      | 200      | 200      | 20.83  | cps   |
| Gadolinium | 160-2 | 197      | 227      | 190      | 204      | 9.55   | cps   |
| Holmium    | 165-1 | 13942427 | 13973698 | 13847369 | 13921165 | 0.47   | cps   |
| Holmium    | 165-2 | 9010084  | 9069642  | 8926034  | 9001920  | 0.80   | cps   |
| Indium     | 115-1 | 11546405 | 11431497 | 11545747 | 11507883 | 0.57   | cps   |
| Indium     | 115-2 | 2623512  | 2644710  | 2623323  | 2630515  | 0.47   | cps   |
| Iron       | 56-2  | 76488    | 77495    | 76665    | 76883    | 0.70   | cps   |
| Iron       | 57-2  | 2750     | 2611     | 2656     | 2673     | 2.65   | cps   |
| Lead       | 206-1 | 4245     | 4523     | 4095     | 4288     | 5.06   | cps   |
| Lead       | 207-1 | 3823     | 3862     | 3484     | 3723     | 5.58   | cps   |
| Lead       | 208-1 | 17044    | 17188    | 16660    | 16964    | 1.61   | cps   |
| Lithium    | 6-1   | 376958   | 374318   | 370301   | 373859   | 0.90   | cps   |
| Magnesium  | 24-2  | 357572   | 358610   | 358032   | 358071   | 0.15   | cps   |
| Manganese  | 55-2  | 29690    | 30822    | 30231    | 30248    | 1.87   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-17-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:20:08   | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 617      | 733      | 492      | 614      | 19.69  | cps   |
| Molybdenum | 95-1  | 250      | 358      | 383      | 331      | 21.44  | cps   |
| Molybdenum | 96-1  | 333      | 517      | 400      | 417      | 22.27  | cps   |
| Molybdenum | 97-1  | 192      | 208      | 200      | 200      | 4.16   | cps   |
| Molybdenum | 98-1  | 483      | 425      | 583      | 497      | 16.10  | cps   |
| Neodymium  | 150-1 | 67       | 60       | 80       | 69       | 14.78  | cps   |
| Neodymium  | 150-2 | 60       | 10       | 20       | 30       | 88.19  | cps   |
| Nickel     | 60-2  | 3447     | 3190     | 3307     | 3315     | 3.88   | cps   |
| Phosphorus | 31-2  | 5043     | 5260     | 5368     | 5223     | 3.17   | cps   |
| Potassium  | 39-2  | 208165   | 206234   | 206729   | 207043   | 0.48   | cps   |
| Rhodium    | 103-1 | 10527119 | 10560015 | 10548311 | 10545149 | 0.16   | cps   |
| Rhodium    | 103-2 | 6083508  | 6127322  | 6126473  | 6112434  | 0.41   | cps   |
| Scandium   | 45-1  | 5672769  | 5564920  | 5547363  | 5595017  | 1.21   | cps   |
| Scandium   | 45-2  | 332099   | 336630   | 334596   | 334441   | 0.68   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 133      | 133      | 131      | 133      | 0.81   | cps   |
| Selenium   | 82-1  | 293      | 267      | 183      | 248      | 23.07  | cps   |
| Silicon    | 28-1  | 5693013  | 5761869  | 5674033  | 5709638  | 0.81   | cps   |
| Silver     | 109-1 | 108      | 133      | 175      | 139      | 24.25  | cps   |
| Silver     | 107-1 | 167      | 108      | 150      | 142      | 21.21  | cps   |
| Sodium     | 23-2  | 6155858  | 6267723  | 6137024  | 6186869  | 1.14   | cps   |
| Strontium  | 86-1  | 77468    | 74929    | 75458    | 75951    | 1.76   | cps   |
| Strontium  | 88-1  | 664497   | 660090   | 658644   | 661077   | 0.46   | cps   |
| Sulfur     | 34-1  | 418373   | 422364   | 417909   | 419549   | 0.58   | cps   |
| Terbium    | 159-1 | 14411146 | 14419849 | 14370261 | 14400419 | 0.18   | cps   |
| Terbium    | 159-2 | 8944675  | 8969288  | 8946230  | 8953398  | 0.15   | cps   |
| Thallium   | 203-1 | 467      | 417      | 350      | 411      | 14.24  | cps   |
| Thallium   | 205-1 | 1017     | 683      | 925      | 875      | 19.68  | cps   |
| Tin        | 118-1 | 1517     | 1392     | 1508     | 1472     | 4.75   | cps   |
| Titanium   | 47-1  | 867      | 708      | 700      | 758      | 12.38  | cps   |
| Uranium    | 238-1 | 525      | 483      | 392      | 467      | 14.62  | cps   |
| Vanadium   | 51-2  | 267      | 237      | 267      | 257      | 6.75   | cps   |
| Yttrium    | 89-1  | 11426079 | 11320843 | 11256441 | 11334454 | 0.76   | cps   |
| Yttrium    | 89-2  | 1938265  | 1948478  | 1925226  | 1937323  | 0.60   | cps   |
| Zinc       | 66-2  | 205052   | 206773   | 206956   | 206260   | 0.51   | cps   |
| Zirconium  | 90-1  | 1350     | 1133     | 1292     | 1258     | 8.91   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-17              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-17-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:20:08   | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 292  | 183  | 267     | 27.78  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-18-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:23:33   | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2242     | 2167     | 2342     | 2250     | 3.90   | cps   |
| Antimony   | 121-1 | 758      | 708      | 867      | 778      | 10.41  | cps   |
| Arsenic    | 75-2  | 191      | 228      | 204      | 207      | 9.06   | cps   |
| Barium     | 135-1 | 48477    | 48787    | 48185    | 48483    | 0.62   | cps   |
| Barium     | 137-1 | 84776    | 84742    | 85555    | 85024    | 0.54   | cps   |
| Beryllium  | 9-1   | 22       | 17       | 33       | 24       | 35.24  | cps   |
| Bismuth    | 209-1 | 9379233  | 9457342  | 9184217  | 9340264  | 1.51   | cps   |
| Bismuth    | 209-2 | 6148507  | 6210893  | 6175459  | 6178286  | 0.51   | cps   |
| Boron      | 10-1  | 567      | 567      | 542      | 558      | 2.59   | cps   |
| Boron      | 11-1  | 3175     | 3042     | 2992     | 3070     | 3.09   | cps   |
| Cadmium    | 111-1 | 2916     | 3101     | 2759     | 2925     | 5.85   | cps   |
| Cadmium    | 106-1 | 4167     | 4401     | 3859     | 4142     | 6.56   | cps   |
| Cadmium    | 108-1 | 38       | 13       | 13       | 21       | 69.28  | cps   |
| Calcium    | 43-1  | 173476   | 173499   | 170683   | 172552   | 0.94   | cps   |
| Calcium    | 44-1  | 2831696  | 2819981  | 2820274  | 2823984  | 0.24   | cps   |
| Chromium   | 52-2  | 3514     | 3580     | 3594     | 3563     | 1.20   | cps   |
| Cobalt     | 59-2  | 237      | 257      | 260      | 251      | 5.03   | cps   |
| Copper     | 63-2  | 352372   | 352384   | 354881   | 353212   | 0.41   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 92       | 97       | 9.90   | cps   |
| Dysprosium | 156-2 | 73       | 50       | 53       | 59       | 21.43  | cps   |
| Erbium     | 164-1 | 75       | 125      | 75       | 92       | 31.50  | cps   |
| Erbium     | 164-2 | 73       | 60       | 50       | 61       | 19.15  | cps   |
| Gadolinium | 160-1 | 225      | 233      | 242      | 233      | 3.57   | cps   |
| Gadolinium | 160-2 | 197      | 177      | 183      | 186      | 5.49   | cps   |
| Holmium    | 165-1 | 14237941 | 14261763 | 14116102 | 14205269 | 0.55   | cps   |
| Holmium    | 165-2 | 8951414  | 9090749  | 9008293  | 9016819  | 0.78   | cps   |
| Indium     | 115-1 | 11701154 | 11688979 | 11679179 | 11689771 | 0.09   | cps   |
| Indium     | 115-2 | 2638324  | 2643786  | 2636721  | 2639610  | 0.14   | cps   |
| Iron       | 56-2  | 117800   | 119151   | 119915   | 118956   | 0.90   | cps   |
| Iron       | 57-2  | 3745     | 3528     | 3856     | 3710     | 4.50   | cps   |
| Lead       | 206-1 | 3428     | 3539     | 3373     | 3447     | 2.46   | cps   |
| Lead       | 207-1 | 3106     | 2795     | 2867     | 2923     | 5.57   | cps   |
| Lead       | 208-1 | 13686    | 13197    | 13548    | 13477    | 1.87   | cps   |
| Lithium    | 6-1   | 371595   | 378419   | 378463   | 376159   | 1.05   | cps   |
| Magnesium  | 24-2  | 353707   | 360713   | 353642   | 356021   | 1.14   | cps   |
| Manganese  | 55-2  | 52259    | 54069    | 54022    | 53450    | 1.93   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-18-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:23:33   | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 525      | 608      | 567      | 567      | 7.35   | cps   |
| Molybdenum | 95-1  | 275      | 225      | 275      | 258      | 11.18  | cps   |
| Molybdenum | 96-1  | 350      | 358      | 417      | 375      | 9.69   | cps   |
| Molybdenum | 97-1  | 125      | 175      | 133      | 144      | 18.54  | cps   |
| Molybdenum | 98-1  | 425      | 400      | 425      | 417      | 3.46   | cps   |
| Neodymium  | 150-1 | 107      | 67       | 60       | 78       | 32.45  | cps   |
| Neodymium  | 150-2 | 60       | 27       | 43       | 43       | 38.46  | cps   |
| Nickel     | 60-2  | 717      | 710      | 737      | 721      | 1.92   | cps   |
| Phosphorus | 31-2  | 6043     | 5960     | 6018     | 6007     | 0.71   | cps   |
| Potassium  | 39-2  | 206773   | 208327   | 206933   | 207345   | 0.41   | cps   |
| Rhodium    | 103-1 | 10680639 | 10843824 | 10542888 | 10689117 | 1.41   | cps   |
| Rhodium    | 103-2 | 6148721  | 6200430  | 6117617  | 6155590  | 0.68   | cps   |
| Scandium   | 45-1  | 5715998  | 5788117  | 5653956  | 5719357  | 1.17   | cps   |
| Scandium   | 45-2  | 336257   | 336592   | 335659   | 336169   | 0.14   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 98       | 115      | 141      | 118      | 18.20  | cps   |
| Selenium   | 82-1  | 220      | 176      | 249      | 215      | 16.97  | cps   |
| Silicon    | 28-1  | 5782378  | 5808668  | 5864586  | 5818544  | 0.72   | cps   |
| Silver     | 109-1 | 117      | 58       | 75       | 83       | 36.05  | cps   |
| Silver     | 107-1 | 192      | 100      | 125      | 139      | 34.12  | cps   |
| Sodium     | 23-2  | 6266564  | 6273698  | 6373318  | 6304527  | 0.95   | cps   |
| Strontium  | 86-1  | 76613    | 76915    | 74904    | 76144    | 1.42   | cps   |
| Strontium  | 88-1  | 663105   | 661899   | 656399   | 660468   | 0.54   | cps   |
| Sulfur     | 34-1  | 422493   | 420668   | 415240   | 419467   | 0.90   | cps   |
| Terbium    | 159-1 | 14667077 | 14717426 | 14638762 | 14674422 | 0.27   | cps   |
| Terbium    | 159-2 | 8969786  | 8980613  | 8984168  | 8978189  | 0.08   | cps   |
| Thallium   | 203-1 | 400      | 358      | 392      | 383      | 5.75   | cps   |
| Thallium   | 205-1 | 800      | 617      | 850      | 756      | 16.26  | cps   |
| Tin        | 118-1 | 1467     | 1267     | 1525     | 1420     | 9.55   | cps   |
| Titanium   | 47-1  | 1408     | 1117     | 983      | 1170     | 18.59  | cps   |
| Uranium    | 238-1 | 667      | 608      | 558      | 611      | 8.87   | cps   |
| Vanadium   | 51-2  | 333      | 293      | 287      | 304      | 8.29   | cps   |
| Yttrium    | 89-1  | 11371322 | 11531723 | 11409077 | 11437374 | 0.73   | cps   |
| Yttrium    | 89-2  | 1934872  | 1948575  | 1941617  | 1941688  | 0.35   | cps   |
| Zinc       | 66-2  | 7749     | 7432     | 7295     | 7492     | 3.11   | cps   |
| Zirconium  | 90-1  | 1258     | 1158     | 1183     | 1200     | 4.34   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-18              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-18-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:23:33   | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 242  | 308  | 258     | 17.07  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-19 Instrumnet Name : P7  
 Client Sample ID : DC747-19-FL1-CL3-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:26:59 DataFile Name : 086SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3643     | 2634     | 3184     | 3154     | 16.03  | cps   |
| Antimony   | 121-1 | 2817     | 2967     | 3251     | 3012     | 7.31   | cps   |
| Arsenic    | 75-2  | 226      | 157      | 204      | 196      | 17.86  | cps   |
| Barium     | 135-1 | 47340    | 47449    | 48670    | 47819    | 1.54   | cps   |
| Barium     | 137-1 | 83090    | 82864    | 82034    | 82663    | 0.67   | cps   |
| Beryllium  | 9-1   | 22       | 22       | 22       | 22       | 0.00   | cps   |
| Bismuth    | 209-1 | 9039393  | 9090913  | 9103139  | 9077815  | 0.37   | cps   |
| Bismuth    | 209-2 | 6135836  | 6069142  | 6132805  | 6112594  | 0.62   | cps   |
| Boron      | 10-1  | 500      | 450      | 592      | 514      | 13.98  | cps   |
| Boron      | 11-1  | 2859     | 3134     | 2909     | 2967     | 4.94   | cps   |
| Cadmium    | 111-1 | 2964     | 2720     | 2952     | 2879     | 4.78   | cps   |
| Cadmium    | 106-1 | 4201     | 3859     | 4159     | 4073     | 4.58   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 25       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 167186   | 168282   | 169883   | 168450   | 0.81   | cps   |
| Calcium    | 44-1  | 2775618  | 2784068  | 2790532  | 2783406  | 0.27   | cps   |
| Chromium   | 52-2  | 3580     | 3681     | 3480     | 3581     | 2.79   | cps   |
| Cobalt     | 59-2  | 373      | 370      | 337      | 360      | 5.63   | cps   |
| Copper     | 63-2  | 896243   | 893046   | 895909   | 895066   | 0.20   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 133      | 81       | 62.36  | cps   |
| Dysprosium | 156-2 | 30       | 37       | 33       | 33       | 10.01  | cps   |
| Erbium     | 164-1 | 133      | 67       | 125      | 108      | 33.53  | cps   |
| Erbium     | 164-2 | 47       | 63       | 87       | 66       | 30.65  | cps   |
| Gadolinium | 160-1 | 158      | 117      | 192      | 156      | 24.16  | cps   |
| Gadolinium | 160-2 | 187      | 190      | 203      | 193      | 4.56   | cps   |
| Holmium    | 165-1 | 13743227 | 13747718 | 13766890 | 13752612 | 0.09   | cps   |
| Holmium    | 165-2 | 8986875  | 8884174  | 8856561  | 8909203  | 0.77   | cps   |
| Indium     | 115-1 | 11437239 | 11336402 | 11466306 | 11413316 | 0.60   | cps   |
| Indium     | 115-2 | 2604146  | 2598287  | 2613134  | 2605189  | 0.29   | cps   |
| Iron       | 56-2  | 84594    | 82890    | 87036    | 84840    | 2.46   | cps   |
| Iron       | 57-2  | 2667     | 2967     | 2845     | 2826     | 5.34   | cps   |
| Lead       | 206-1 | 5162     | 5168     | 5229     | 5186     | 0.71   | cps   |
| Lead       | 207-1 | 4618     | 4412     | 4673     | 4568     | 3.01   | cps   |
| Lead       | 208-1 | 20501    | 20357    | 20774    | 20544    | 1.03   | cps   |
| Lithium    | 6-1   | 371722   | 365409   | 369723   | 368951   | 0.87   | cps   |
| Magnesium  | 24-2  | 359749   | 351142   | 353222   | 354704   | 1.27   | cps   |
| Manganese  | 55-2  | 31848    | 31273    | 31547    | 31556    | 0.91   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-19-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:26:59   | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 575      | 633      | 650      | 619      | 6.36   | cps   |
| Molybdenum | 95-1  | 317      | 317      | 208      | 281      | 22.29  | cps   |
| Molybdenum | 96-1  | 400      | 458      | 400      | 419      | 8.03   | cps   |
| Molybdenum | 97-1  | 233      | 117      | 150      | 167      | 36.06  | cps   |
| Molybdenum | 98-1  | 408      | 467      | 450      | 442      | 6.80   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 67       | 49       | 31.50  | cps   |
| Neodymium  | 150-2 | 37       | 27       | 37       | 33       | 17.32  | cps   |
| Nickel     | 60-2  | 5031     | 4664     | 4798     | 4831     | 3.84   | cps   |
| Phosphorus | 31-2  | 5151     | 5285     | 5259     | 5232     | 1.36   | cps   |
| Potassium  | 39-2  | 202161   | 203536   | 202373   | 202690   | 0.37   | cps   |
| Rhodium    | 103-1 | 10373850 | 10473971 | 10437929 | 10428583 | 0.49   | cps   |
| Rhodium    | 103-2 | 6044428  | 6060680  | 6064456  | 6056521  | 0.18   | cps   |
| Scandium   | 45-1  | 5498814  | 5488869  | 5605278  | 5530987  | 1.17   | cps   |
| Scandium   | 45-2  | 335213   | 327309   | 332167   | 331563   | 1.20   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 131      | 117      | 133      | 127      | 7.18   | cps   |
| Selenium   | 82-1  | 204      | 155      | 291      | 217      | 31.73  | cps   |
| Silicon    | 28-1  | 5613852  | 5565440  | 5591102  | 5590131  | 0.43   | cps   |
| Silver     | 109-1 | 83       | 125      | 125      | 111      | 21.65  | cps   |
| Silver     | 107-1 | 142      | 158      | 142      | 147      | 6.53   | cps   |
| Sodium     | 23-2  | 6149155  | 6130088  | 6154884  | 6144709  | 0.21   | cps   |
| Strontium  | 86-1  | 75717    | 75533    | 75741    | 75664    | 0.15   | cps   |
| Strontium  | 88-1  | 647097   | 652772   | 655536   | 651801   | 0.66   | cps   |
| Sulfur     | 34-1  | 415487   | 421088   | 419661   | 418746   | 0.70   | cps   |
| Terbium    | 159-1 | 14291945 | 14123941 | 14323556 | 14246481 | 0.75   | cps   |
| Terbium    | 159-2 | 8859701  | 8795405  | 8902380  | 8852495  | 0.61   | cps   |
| Thallium   | 203-1 | 400      | 367      | 400      | 389      | 4.95   | cps   |
| Thallium   | 205-1 | 1000     | 833      | 900      | 911      | 9.21   | cps   |
| Tin        | 118-1 | 1500     | 1592     | 1517     | 1536     | 3.18   | cps   |
| Titanium   | 47-1  | 750      | 767      | 875      | 797      | 8.51   | cps   |
| Uranium    | 238-1 | 492      | 458      | 333      | 428      | 19.51  | cps   |
| Vanadium   | 51-2  | 220      | 280      | 297      | 266      | 15.18  | cps   |
| Yttrium    | 89-1  | 11137887 | 11241037 | 11313526 | 11230817 | 0.79   | cps   |
| Yttrium    | 89-2  | 1904755  | 1915217  | 1917231  | 1912401  | 0.35   | cps   |
| Zinc       | 66-2  | 177035   | 176249   | 173871   | 175718   | 0.94   | cps   |
| Zirconium  | 90-1  | 1267     | 1125     | 1233     | 1208     | 6.13   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-19              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-19-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:26:59   | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 267  | 225  | 225  | 239     | 10.07  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2100     | 2785     | 2350     | 2412     | 14.36  | cps   |
| Antimony   | 121-1 | 633      | 658      | 692      | 661      | 4.43   | cps   |
| Arsenic    | 75-2  | 161      | 189      | 185      | 178      | 8.46   | cps   |
| Barium     | 135-1 | 46471    | 47022    | 46120    | 46538    | 0.98   | cps   |
| Barium     | 137-1 | 81011    | 79075    | 80870    | 80319    | 1.34   | cps   |
| Beryllium  | 9-1   | 17       | 28       | 11       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 9014011  | 8897154  | 9002519  | 8971228  | 0.72   | cps   |
| Bismuth    | 209-2 | 5948312  | 5928094  | 5931401  | 5935936  | 0.18   | cps   |
| Boron      | 10-1  | 442      | 525      | 550      | 506      | 11.22  | cps   |
| Boron      | 11-1  | 3009     | 3084     | 3109     | 3067     | 1.70   | cps   |
| Cadmium    | 111-1 | 2861     | 2842     | 3019     | 2907     | 3.35   | cps   |
| Cadmium    | 106-1 | 4067     | 4009     | 4326     | 4134     | 4.08   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 25       | 21       | 19.99  | cps   |
| Calcium    | 43-1  | 164067   | 163857   | 163168   | 163697   | 0.29   | cps   |
| Calcium    | 44-1  | 2691766  | 2690345  | 2702842  | 2694984  | 0.25   | cps   |
| Chromium   | 52-2  | 4377     | 4014     | 3987     | 4126     | 5.28   | cps   |
| Cobalt     | 59-2  | 293      | 257      | 210      | 253      | 16.49  | cps   |
| Copper     | 63-2  | 347853   | 349009   | 345700   | 347521   | 0.48   | cps   |
| Dysprosium | 156-1 | 92       | 67       | 125      | 94       | 30.99  | cps   |
| Dysprosium | 156-2 | 40       | 47       | 43       | 43       | 7.70   | cps   |
| Erbium     | 164-1 | 92       | 83       | 83       | 86       | 5.58   | cps   |
| Erbium     | 164-2 | 67       | 80       | 73       | 73       | 9.09   | cps   |
| Gadolinium | 160-1 | 175      | 333      | 208      | 239      | 34.94  | cps   |
| Gadolinium | 160-2 | 280      | 183      | 193      | 219      | 24.29  | cps   |
| Holmium    | 165-1 | 13630735 | 13729415 | 13749203 | 13703117 | 0.46   | cps   |
| Holmium    | 165-2 | 8799338  | 8658619  | 8649212  | 8702390  | 0.97   | cps   |
| Indium     | 115-1 | 11382547 | 11216957 | 11301818 | 11300441 | 0.73   | cps   |
| Indium     | 115-2 | 2551854  | 2521555  | 2530475  | 2534628  | 0.61   | cps   |
| Iron       | 56-2  | 111324   | 111173   | 111366   | 111288   | 0.09   | cps   |
| Iron       | 57-2  | 3639     | 3895     | 3489     | 3675     | 5.58   | cps   |
| Lead       | 206-1 | 2761     | 2750     | 2828     | 2780     | 1.51   | cps   |
| Lead       | 207-1 | 2234     | 2395     | 2284     | 2304     | 3.58   | cps   |
| Lead       | 208-1 | 10852    | 11058    | 11197    | 11035    | 1.57   | cps   |
| Lithium    | 6-1   | 361497   | 359221   | 367196   | 362638   | 1.13   | cps   |
| Magnesium  | 24-2  | 338292   | 341462   | 341073   | 340276   | 0.51   | cps   |
| Manganese  | 55-2  | 48935    | 48607    | 48172    | 48571    | 0.79   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 583      | 692      | 628      | 9.04   | cps   |
| Molybdenum | 95-1  | 283      | 350      | 292      | 308      | 11.78  | cps   |
| Molybdenum | 96-1  | 258      | 367      | 342      | 322      | 17.60  | cps   |
| Molybdenum | 97-1  | 192      | 292      | 125      | 203      | 41.37  | cps   |
| Molybdenum | 98-1  | 417      | 458      | 467      | 447      | 5.99   | cps   |
| Neodymium  | 150-1 | 87       | 67       | 73       | 76       | 13.48  | cps   |
| Neodymium  | 150-2 | 33       | 20       | 40       | 31       | 32.73  | cps   |
| Nickel     | 60-2  | 647      | 617      | 760      | 674      | 11.21  | cps   |
| Phosphorus | 31-2  | 5893     | 5526     | 5568     | 5662     | 3.55   | cps   |
| Potassium  | 39-2  | 201155   | 195685   | 198883   | 198575   | 1.38   | cps   |
| Rhodium    | 103-1 | 10358092 | 10428294 | 10295476 | 10360621 | 0.64   | cps   |
| Rhodium    | 103-2 | 5307890  | 5267039  | 5220710  | 5265213  | 0.83   | cps   |
| Scandium   | 45-1  | 5541237  | 5565182  | 5541143  | 5549187  | 0.25   | cps   |
| Scandium   | 45-2  | 326305   | 319151   | 320461   | 321972   | 1.18   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 102      | 115      | 111      | 109      | 6.11   | cps   |
| Selenium   | 82-1  | 295      | 247      | 151      | 231      | 31.90  | cps   |
| Silicon    | 28-1  | 5592032  | 5563107  | 5551245  | 5568795  | 0.38   | cps   |
| Silver     | 109-1 | 142      | 142      | 100      | 128      | 18.83  | cps   |
| Silver     | 107-1 | 175      | 292      | 167      | 211      | 33.11  | cps   |
| Sodium     | 23-2  | 6010321  | 5984130  | 6020994  | 6005148  | 0.32   | cps   |
| Strontium  | 86-1  | 73313    | 73673    | 73053    | 73346    | 0.42   | cps   |
| Strontium  | 88-1  | 629205   | 637831   | 644531   | 637189   | 1.21   | cps   |
| Sulfur     | 34-1  | 413741   | 416051   | 410140   | 413311   | 0.72   | cps   |
| Terbium    | 159-1 | 14169951 | 14208425 | 14229249 | 14202542 | 0.21   | cps   |
| Terbium    | 159-2 | 8798425  | 8734127  | 8626240  | 8719597  | 1.00   | cps   |
| Thallium   | 203-1 | 317      | 267      | 292      | 292      | 8.57   | cps   |
| Thallium   | 205-1 | 867      | 867      | 842      | 858      | 1.68   | cps   |
| Tin        | 118-1 | 1792     | 1725     | 1600     | 1706     | 5.71   | cps   |
| Titanium   | 47-1  | 1000     | 1142     | 983      | 1042     | 8.35   | cps   |
| Uranium    | 238-1 | 450      | 575      | 667      | 564      | 19.29  | cps   |
| Vanadium   | 51-2  | 313      | 260      | 340      | 304      | 13.38  | cps   |
| Yttrium    | 89-1  | 10992383 | 11083160 | 11003178 | 11026240 | 0.45   | cps   |
| Yttrium    | 89-2  | 1868870  | 1868550  | 1844661  | 1860694  | 0.75   | cps   |
| Zinc       | 66-2  | 6068     | 5838     | 5865     | 5924     | 2.12   | cps   |
| Zirconium  | 90-1  | 1225     | 1058     | 1083     | 1122     | 8.01   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-20              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-20-FL1-CL3-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:30:24   | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 317  | 408  | 250  | 325     | 24.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 175      | 108      | 150      | 144      | 23.32  | cps   |
| Antimony   | 121-1 | 83       | 167      | 117      | 122      | 34.32  | cps   |
| Arsenic    | 75-2  | 17       | 4        | 9        | 10       | 65.88  | cps   |
| Barium     | 135-1 | 1217     | 1558     | 1483     | 1420     | 12.65  | cps   |
| Barium     | 137-1 | 2317     | 2242     | 2250     | 2270     | 1.81   | cps   |
| Beryllium  | 9-1   | 28       | 6        | 11       | 15       | 78.05  | cps   |
| Bismuth    | 209-1 | 9204438  | 9271323  | 9264806  | 9246856  | 0.40   | cps   |
| Bismuth    | 209-2 | 6195486  | 6226588  | 6211698  | 6211257  | 0.25   | cps   |
| Boron      | 10-1  | 83       | 108      | 133      | 108      | 23.08  | cps   |
| Boron      | 11-1  | 425      | 458      | 608      | 497      | 19.64  | cps   |
| Cadmium    | 111-1 | 2759     | 2640     | 3059     | 2819     | 7.66   | cps   |
| Cadmium    | 106-1 | 3951     | 3776     | 4343     | 4023     | 7.21   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 8        | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 1342     | 1183     | 1442     | 1322     | 9.85   | cps   |
| Calcium    | 44-1  | 45271    | 45078    | 45095    | 45148    | 0.24   | cps   |
| Chromium   | 52-2  | 2347     | 2474     | 2350     | 2390     | 3.02   | cps   |
| Cobalt     | 59-2  | 113      | 123      | 110      | 116      | 6.01   | cps   |
| Copper     | 63-2  | 1770     | 1747     | 1790     | 1769     | 1.23   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 0        | 3        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 25       | 58       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 13       | 23       | 13       | 17       | 34.65  | cps   |
| Gadolinium | 160-1 | 217      | 150      | 183      | 183      | 18.18  | cps   |
| Gadolinium | 160-2 | 213      | 163      | 220      | 199      | 15.57  | cps   |
| Holmium    | 165-1 | 13830722 | 14020084 | 14027476 | 13959428 | 0.80   | cps   |
| Holmium    | 165-2 | 9054656  | 8964037  | 9044389  | 9021027  | 0.55   | cps   |
| Indium     | 115-1 | 11434269 | 11466459 | 11417498 | 11439408 | 0.22   | cps   |
| Indium     | 115-2 | 2648452  | 2642467  | 2638457  | 2643125  | 0.19   | cps   |
| Iron       | 56-2  | 7736     | 7597     | 7841     | 7724     | 1.59   | cps   |
| Iron       | 57-2  | 383      | 322      | 444      | 383      | 15.94  | cps   |
| Lead       | 206-1 | 5569152  | 5641307  | 5613516  | 5607992  | 0.65   | cps   |
| Lead       | 207-1 | 5051745  | 5114436  | 5113012  | 5093064  | 0.70   | cps   |
| Lead       | 208-1 | 24374875 | 24567383 | 24647052 | 24529770 | 0.57   | cps   |
| Lithium    | 6-1   | 362986   | 369752   | 367843   | 366860   | 0.95   | cps   |
| Magnesium  | 24-2  | 242      | 258      | 267      | 256      | 4.98   | cps   |
| Manganese  | 55-2  | 103      | 150      | 153      | 136      | 20.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 342      | 233      | 242      | 272      | 22.15  | cps   |
| Molybdenum | 95-1  | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Molybdenum | 96-1  | 192      | 100      | 117      | 136      | 35.88  | cps   |
| Molybdenum | 97-1  | 25       | 33       | 25       | 28       | 17.33  | cps   |
| Molybdenum | 98-1  | 125      | 83       | 50       | 86       | 43.64  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 0        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 83       | 57       | 90       | 77       | 23.00  | cps   |
| Phosphorus | 31-2  | 217      | 392      | 342      | 317      | 28.46  | cps   |
| Potassium  | 39-2  | 50922    | 52368    | 51181    | 51490    | 1.50   | cps   |
| Rhodium    | 103-1 | 10550610 | 10702165 | 10717955 | 10656910 | 0.87   | cps   |
| Rhodium    | 103-2 | 6212737  | 6142192  | 6221128  | 6192019  | 0.70   | cps   |
| Scandium   | 45-1  | 5628829  | 5624310  | 5492255  | 5581798  | 1.39   | cps   |
| Scandium   | 45-2  | 337693   | 339614   | 332505   | 336604   | 1.09   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 128      | 141      | 102      | 123      | 16.04  | cps   |
| Selenium   | 82-1  | 268      | 180      | 164      | 204      | 27.51  | cps   |
| Silicon    | 28-1  | 215736   | 219898   | 219566   | 218400   | 1.06   | cps   |
| Silver     | 109-1 | 92       | 58       | 58       | 69       | 27.71  | cps   |
| Silver     | 107-1 | 125      | 117      | 167      | 136      | 19.68  | cps   |
| Sodium     | 23-2  | 29705    | 28520    | 27960    | 28728    | 3.10   | cps   |
| Strontium  | 86-1  | 1075     | 1150     | 1000     | 1075     | 6.98   | cps   |
| Strontium  | 88-1  | 875      | 1008     | 1100     | 995      | 11.38  | cps   |
| Sulfur     | 34-1  | 356033   | 353381   | 354913   | 354775   | 0.38   | cps   |
| Terbium    | 159-1 | 14454241 | 14532972 | 14478328 | 14488514 | 0.28   | cps   |
| Terbium    | 159-2 | 9118021  | 9136997  | 8981677  | 9078898  | 0.93   | cps   |
| Thallium   | 203-1 | 283      | 267      | 217      | 256      | 13.58  | cps   |
| Thallium   | 205-1 | 600      | 550      | 425      | 525      | 17.17  | cps   |
| Tin        | 118-1 | 817      | 908      | 975      | 900      | 8.83   | cps   |
| Titanium   | 47-1  | 208      | 167      | 250      | 208      | 20.00  | cps   |
| Uranium    | 238-1 | 108      | 33       | 42       | 61       | 67.27  | cps   |
| Vanadium   | 51-2  | 67       | 50       | 70       | 62       | 17.22  | cps   |
| Yttrium    | 89-1  | 11331931 | 11461963 | 11464866 | 11419586 | 0.66   | cps   |
| Yttrium    | 89-2  | 1934707  | 1932453  | 1932568  | 1933243  | 0.07   | cps   |
| Zinc       | 66-2  | 513      | 490      | 523      | 509      | 3.36   | cps   |
| Zirconium  | 90-1  | 717      | 708      | 675      | 700      | 3.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:33:50 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 142  | 150  | 142  | 144     | 3.33   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 83       | 100      | 108      | 97       | 13.09  | cps   |
| Antimony   | 121-1 | 92       | 42       | 83       | 72       | 37.09  | cps   |
| Arsenic    | 75-2  | 13       | 15       | 17       | 15       | 12.52  | cps   |
| Barium     | 135-1 | 75       | 33       | 17       | 42       | 72.11  | cps   |
| Barium     | 137-1 | 33       | 100      | 67       | 67       | 50.01  | cps   |
| Beryllium  | 9-1   | 17       | 22       | 6        | 15       | 57.25  | cps   |
| Bismuth    | 209-1 | 9212050  | 9108293  | 9212960  | 9177768  | 0.66   | cps   |
| Bismuth    | 209-2 | 6174513  | 6194028  | 6155819  | 6174787  | 0.31   | cps   |
| Boron      | 10-1  | 75       | 67       | 42       | 61       | 28.38  | cps   |
| Boron      | 11-1  | 242      | 350      | 458      | 350      | 30.95  | cps   |
| Cadmium    | 111-1 | 3155     | 2763     | 3035     | 2984     | 6.73   | cps   |
| Cadmium    | 106-1 | 4518     | 3967     | 4326     | 4270     | 6.54   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 8        | 15       | 41.67  | cps   |
| Calcium    | 43-1  | 833      | 950      | 1017     | 933      | 9.94   | cps   |
| Calcium    | 44-1  | 36012    | 37524    | 37841    | 37126    | 2.63   | cps   |
| Chromium   | 52-2  | 2494     | 2347     | 2340     | 2394     | 3.62   | cps   |
| Cobalt     | 59-2  | 63       | 60       | 110      | 78       | 35.94  | cps   |
| Copper     | 63-2  | 1593     | 1807     | 1620     | 1673     | 6.95   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 25       | 58       | 42       | 42       | 40.00  | cps   |
| Erbium     | 164-2 | 23       | 20       | 23       | 22       | 8.65   | cps   |
| Gadolinium | 160-1 | 100      | 150      | 142      | 131      | 20.52  | cps   |
| Gadolinium | 160-2 | 150      | 150      | 140      | 147      | 3.94   | cps   |
| Holmium    | 165-1 | 13766352 | 13869728 | 13925426 | 13853835 | 0.58   | cps   |
| Holmium    | 165-2 | 8984787  | 9053612  | 8869943  | 8969448  | 1.03   | cps   |
| Indium     | 115-1 | 11417434 | 11406744 | 11585336 | 11469838 | 0.87   | cps   |
| Indium     | 115-2 | 2585469  | 2631506  | 2625517  | 2614164  | 0.96   | cps   |
| Iron       | 56-2  | 7335     | 6963     | 6913     | 7070     | 3.26   | cps   |
| Iron       | 57-2  | 317      | 378      | 344      | 346      | 8.84   | cps   |
| Lead       | 206-1 | 1311     | 1083     | 1217     | 1204     | 9.51   | cps   |
| Lead       | 207-1 | 1122     | 967      | 995      | 1028     | 8.07   | cps   |
| Lead       | 208-1 | 5062     | 4839     | 4684     | 4862     | 3.91   | cps   |
| Lithium    | 6-1   | 355939   | 366562   | 359745   | 360749   | 1.49   | cps   |
| Magnesium  | 24-2  | 192      | 183      | 183      | 186      | 2.59   | cps   |
| Manganese  | 55-2  | 120      | 60       | 83       | 88       | 34.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 158      | 225      | 208      | 197      | 17.59  | cps   |
| Molybdenum | 95-1  | 75       | 33       | 58       | 56       | 37.75  | cps   |
| Molybdenum | 96-1  | 67       | 58       | 200      | 108      | 73.38  | cps   |
| Molybdenum | 97-1  | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Molybdenum | 98-1  | 92       | 67       | 33       | 64       | 45.81  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 70       | 63       | 100      | 78       | 25.11  | cps   |
| Phosphorus | 31-2  | 200      | 258      | 267      | 242      | 15.03  | cps   |
| Potassium  | 39-2  | 50838    | 51523    | 52603    | 51655    | 1.72   | cps   |
| Rhodium    | 103-1 | 10610572 | 10553118 | 10550077 | 10571256 | 0.32   | cps   |
| Rhodium    | 103-2 | 6095420  | 6120514  | 6209516  | 6141816  | 0.98   | cps   |
| Scandium   | 45-1  | 5531687  | 5527243  | 5546069  | 5535000  | 0.18   | cps   |
| Scandium   | 45-2  | 329281   | 330282   | 334542   | 331368   | 0.84   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 148      | 102      | 120      | 123      | 18.88  | cps   |
| Selenium   | 82-1  | 164      | 180      | 193      | 179      | 8.29   | cps   |
| Silicon    | 28-1  | 189352   | 189411   | 188380   | 189048   | 0.31   | cps   |
| Silver     | 109-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Silver     | 107-1 | 167      | 58       | 108      | 111      | 48.79  | cps   |
| Sodium     | 23-2  | 27417    | 27919    | 28445    | 27927    | 1.84   | cps   |
| Strontium  | 86-1  | 950      | 975      | 1008     | 978      | 2.99   | cps   |
| Strontium  | 88-1  | 508      | 542      | 308      | 453      | 27.87  | cps   |
| Sulfur     | 34-1  | 356611   | 354165   | 359633   | 356803   | 0.77   | cps   |
| Terbium    | 159-1 | 14435738 | 14238220 | 14569002 | 14414320 | 1.15   | cps   |
| Terbium    | 159-2 | 8983148  | 9012551  | 9000584  | 8998761  | 0.16   | cps   |
| Thallium   | 203-1 | 183      | 183      | 167      | 178      | 5.41   | cps   |
| Thallium   | 205-1 | 467      | 300      | 408      | 392      | 21.59  | cps   |
| Tin        | 118-1 | 933      | 917      | 1017     | 956      | 5.61   | cps   |
| Titanium   | 47-1  | 175      | 192      | 183      | 183      | 4.55   | cps   |
| Uranium    | 238-1 | 100      | 75       | 75       | 83       | 17.33  | cps   |
| Vanadium   | 51-2  | 17       | 17       | 30       | 21       | 36.45  | cps   |
| Yttrium    | 89-1  | 11270812 | 11221405 | 11299905 | 11264041 | 0.35   | cps   |
| Yttrium    | 89-2  | 1909445  | 1922374  | 1920331  | 1917383  | 0.36   | cps   |
| Zinc       | 66-2  | 173      | 207      | 193      | 191      | 8.78   | cps   |
| Zirconium  | 90-1  | 658      | 625      | 783      | 689      | 12.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB05               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB05               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:37:15 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 133  | 108  | 131     | 16.06  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-21 Instrumnet Name : P7  
 Client Sample ID : DC747-21-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:40:41 DataFile Name : 090SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 54308    | 55136    | 53355    | 54266    | 1.64   | cps   |
| Antimony   | 121-1 | 67623    | 68879    | 67740    | 68080    | 1.02   | cps   |
| Arsenic    | 75-2  | 183      | 204      | 174      | 187      | 8.10   | cps   |
| Barium     | 135-1 | 80476    | 81506    | 82117    | 81366    | 1.02   | cps   |
| Barium     | 137-1 | 139876   | 138619   | 140606   | 139700   | 0.72   | cps   |
| Beryllium  | 9-1   | 39       | 6        | 39       | 28       | 69.27  | cps   |
| Bismuth    | 209-1 | 8833477  | 8872401  | 8848474  | 8851451  | 0.22   | cps   |
| Bismuth    | 209-2 | 6010373  | 5944203  | 5983378  | 5979318  | 0.56   | cps   |
| Boron      | 10-1  | 508      | 700      | 492      | 567      | 20.43  | cps   |
| Boron      | 11-1  | 3376     | 3317     | 3167     | 3287     | 3.27   | cps   |
| Cadmium    | 111-1 | 2928     | 3045     | 3019     | 2997     | 2.04   | cps   |
| Cadmium    | 106-1 | 4051     | 4226     | 4226     | 4167     | 2.43   | cps   |
| Cadmium    | 108-1 | 88       | 67       | 92       | 82       | 16.34  | cps   |
| Calcium    | 43-1  | 161812   | 162030   | 162180   | 162007   | 0.11   | cps   |
| Calcium    | 44-1  | 2650016  | 2646918  | 2677305  | 2658079  | 0.63   | cps   |
| Chromium   | 52-2  | 4944     | 4834     | 4914     | 4898     | 1.16   | cps   |
| Cobalt     | 59-2  | 1320     | 1063     | 1300     | 1228     | 11.63  | cps   |
| Copper     | 63-2  | 2421959  | 2423151  | 2432010  | 2425707  | 0.23   | cps   |
| Dysprosium | 156-1 | 350      | 358      | 267      | 325      | 15.60  | cps   |
| Dysprosium | 156-2 | 223      | 173      | 173      | 190      | 15.19  | cps   |
| Erbium     | 164-1 | 342      | 317      | 342      | 333      | 4.33   | cps   |
| Erbium     | 164-2 | 183      | 240      | 140      | 188      | 26.71  | cps   |
| Gadolinium | 160-1 | 542      | 542      | 517      | 533      | 2.71   | cps   |
| Gadolinium | 160-2 | 400      | 410      | 467      | 426      | 8.45   | cps   |
| Holmium    | 165-1 | 13455837 | 13573117 | 13587331 | 13538762 | 0.53   | cps   |
| Holmium    | 165-2 | 8824768  | 8764974  | 8789145  | 8792962  | 0.34   | cps   |
| Indium     | 115-1 | 11154033 | 11301870 | 11115204 | 11190369 | 0.88   | cps   |
| Indium     | 115-2 | 2547048  | 2534908  | 2538830  | 2540262  | 0.24   | cps   |
| Iron       | 56-2  | 375039   | 374409   | 376968   | 375472   | 0.36   | cps   |
| Iron       | 57-2  | 10204    | 10537    | 9781     | 10174    | 3.72   | cps   |
| Lead       | 206-1 | 25314    | 25536    | 25926    | 25592    | 1.21   | cps   |
| Lead       | 207-1 | 21351    | 21089    | 20834    | 21091    | 1.23   | cps   |
| Lead       | 208-1 | 98840    | 96915    | 98560    | 98105    | 1.06   | cps   |
| Lithium    | 6-1   | 358288   | 360635   | 361143   | 360022   | 0.42   | cps   |
| Magnesium  | 24-2  | 346999   | 350126   | 347518   | 348214   | 0.48   | cps   |
| Manganese  | 55-2  | 323534   | 322537   | 320386   | 322152   | 0.50   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-21-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:40:41   | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 667      | 908      | 786      | 15.37  | cps   |
| Molybdenum | 95-1  | 250      | 208      | 292      | 250      | 16.67  | cps   |
| Molybdenum | 96-1  | 417      | 325      | 350      | 364      | 13.02  | cps   |
| Molybdenum | 97-1  | 83       | 150      | 142      | 125      | 29.06  | cps   |
| Molybdenum | 98-1  | 400      | 392      | 367      | 386      | 4.49   | cps   |
| Neodymium  | 150-1 | 293      | 300      | 273      | 289      | 4.80   | cps   |
| Neodymium  | 150-2 | 153      | 167      | 153      | 158      | 4.88   | cps   |
| Nickel     | 60-2  | 61020    | 60736    | 61666    | 61141    | 0.78   | cps   |
| Phosphorus | 31-2  | 3701     | 4092     | 3726     | 3840     | 5.71   | cps   |
| Potassium  | 39-2  | 214318   | 211611   | 210995   | 212308   | 0.83   | cps   |
| Rhodium    | 103-1 | 10120011 | 10262621 | 10358896 | 10247176 | 1.17   | cps   |
| Rhodium    | 103-2 | 5995108  | 5944898  | 5310079  | 5750029  | 6.64   | cps   |
| Scandium   | 45-1  | 5450113  | 5391203  | 5503712  | 5448343  | 1.03   | cps   |
| Scandium   | 45-2  | 327650   | 323931   | 324259   | 325280   | 0.63   | cps   |
| Selenium   | 77-2  | 10       | 0        | 0        | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 122      | 117      | 130      | 123      | 5.29   | cps   |
| Selenium   | 82-1  | 316      | 296      | 249      | 287      | 11.93  | cps   |
| Silicon    | 28-1  | 6082159  | 6117936  | 6128647  | 6109581  | 0.40   | cps   |
| Silver     | 109-1 | 317      | 292      | 192      | 267      | 24.80  | cps   |
| Silver     | 107-1 | 300      | 425      | 475      | 400      | 22.54  | cps   |
| Sodium     | 23-2  | 6012432  | 6027397  | 5977633  | 6005820  | 0.43   | cps   |
| Strontium  | 86-1  | 73003    | 75282    | 73766    | 74017    | 1.57   | cps   |
| Strontium  | 88-1  | 634275   | 638622   | 638836   | 637244   | 0.40   | cps   |
| Sulfur     | 34-1  | 407907   | 412495   | 408205   | 409536   | 0.63   | cps   |
| Terbium    | 159-1 | 13834460 | 14113972 | 13885146 | 13944526 | 1.07   | cps   |
| Terbium    | 159-2 | 8667119  | 8789790  | 8873564  | 8776824  | 1.18   | cps   |
| Thallium   | 203-1 | 375      | 375      | 475      | 408      | 14.14  | cps   |
| Thallium   | 205-1 | 1075     | 942      | 1058     | 1025     | 7.09   | cps   |
| Tin        | 118-1 | 7394     | 7177     | 6827     | 7133     | 4.01   | cps   |
| Titanium   | 47-1  | 2067     | 1850     | 1950     | 1956     | 5.55   | cps   |
| Uranium    | 238-1 | 1967     | 2200     | 2242     | 2136     | 6.94   | cps   |
| Vanadium   | 51-2  | 353      | 447      | 470      | 423      | 14.58  | cps   |
| Yttrium    | 89-1  | 10926850 | 10940539 | 11101535 | 10989642 | 0.88   | cps   |
| Yttrium    | 89-2  | 1886308  | 1884674  | 1880943  | 1883975  | 0.15   | cps   |
| Zinc       | 66-2  | 887502   | 896094   | 890533   | 891376   | 0.49   | cps   |
| Zirconium  | 90-1  | 1959     | 1742     | 1884     | 1861     | 5.91   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-21-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:40:41   | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 425  | 392  | 408  | 408     | 4.08   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-22-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:44:06   | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2659     | 3225     | 3150     | 3012     | 10.22  | cps   |
| Antimony   | 121-1 | 692      | 758      | 883      | 778      | 12.51  | cps   |
| Arsenic    | 75-2  | 206      | 191      | 185      | 194      | 5.43   | cps   |
| Barium     | 135-1 | 50016    | 49406    | 48962    | 49461    | 1.07   | cps   |
| Barium     | 137-1 | 86561    | 86151    | 87014    | 86575    | 0.50   | cps   |
| Beryllium  | 9-1   | 28       | 22       | 11       | 20       | 41.67  | cps   |
| Bismuth    | 209-1 | 9358497  | 9252336  | 9251641  | 9287491  | 0.66   | cps   |
| Bismuth    | 209-2 | 6307976  | 6266628  | 6237596  | 6270733  | 0.56   | cps   |
| Boron      | 10-1  | 625      | 608      | 542      | 592      | 7.45   | cps   |
| Boron      | 11-1  | 3000     | 3134     | 3284     | 3139     | 4.52   | cps   |
| Cadmium    | 111-1 | 2921     | 2929     | 2866     | 2905     | 1.18   | cps   |
| Cadmium    | 106-1 | 4117     | 4151     | 4059     | 4109     | 1.13   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 172513   | 172142   | 170362   | 171672   | 0.67   | cps   |
| Calcium    | 44-1  | 2829480  | 2841858  | 2849130  | 2840156  | 0.35   | cps   |
| Chromium   | 52-2  | 3757     | 3847     | 4286     | 3963     | 7.13   | cps   |
| Cobalt     | 59-2  | 343      | 330      | 400      | 358      | 10.39  | cps   |
| Copper     | 63-2  | 300526   | 297496   | 302149   | 300057   | 0.79   | cps   |
| Dysprosium | 156-1 | 142      | 125      | 142      | 136      | 7.07   | cps   |
| Dysprosium | 156-2 | 123      | 73       | 80       | 92       | 29.44  | cps   |
| Erbium     | 164-1 | 142      | 133      | 133      | 136      | 3.53   | cps   |
| Erbium     | 164-2 | 83       | 63       | 73       | 73       | 13.64  | cps   |
| Gadolinium | 160-1 | 225      | 292      | 267      | 261      | 12.90  | cps   |
| Gadolinium | 160-2 | 240      | 227      | 217      | 228      | 5.14   | cps   |
| Holmium    | 165-1 | 14299352 | 14185556 | 14164568 | 14216492 | 0.51   | cps   |
| Holmium    | 165-2 | 9243329  | 9027645  | 9096769  | 9122581  | 1.21   | cps   |
| Indium     | 115-1 | 11820259 | 11575173 | 11800305 | 11731912 | 1.16   | cps   |
| Indium     | 115-2 | 2680794  | 2651876  | 2691663  | 2674778  | 0.77   | cps   |
| Iron       | 56-2  | 195257   | 198414   | 199282   | 197651   | 1.07   | cps   |
| Iron       | 57-2  | 5712     | 5618     | 5807     | 5712     | 1.65   | cps   |
| Lead       | 206-1 | 3901     | 4290     | 4112     | 4101     | 4.75   | cps   |
| Lead       | 207-1 | 3673     | 3406     | 3756     | 3612     | 5.06   | cps   |
| Lead       | 208-1 | 15982    | 16332    | 16488    | 16267    | 1.59   | cps   |
| Lithium    | 6-1   | 375745   | 371619   | 371833   | 373066   | 0.62   | cps   |
| Magnesium  | 24-2  | 356823   | 355292   | 355176   | 355764   | 0.26   | cps   |
| Manganese  | 55-2  | 92569    | 93173    | 92287    | 92676    | 0.49   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-22-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:44:06   | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 567      | 683      | 658      | 636      | 9.66   | cps   |
| Molybdenum | 95-1  | 317      | 242      | 392      | 317      | 23.69  | cps   |
| Molybdenum | 96-1  | 450      | 583      | 458      | 497      | 15.02  | cps   |
| Molybdenum | 97-1  | 208      | 208      | 133      | 183      | 23.62  | cps   |
| Molybdenum | 98-1  | 467      | 450      | 383      | 433      | 10.18  | cps   |
| Neodymium  | 150-1 | 107      | 100      | 140      | 116      | 18.55  | cps   |
| Neodymium  | 150-2 | 27       | 50       | 60       | 46       | 37.54  | cps   |
| Nickel     | 60-2  | 1273     | 1280     | 1287     | 1280     | 0.52   | cps   |
| Phosphorus | 31-2  | 5568     | 5476     | 6343     | 5796     | 8.22   | cps   |
| Potassium  | 39-2  | 205025   | 205345   | 207836   | 206069   | 0.75   | cps   |
| Rhodium    | 103-1 | 10786506 | 10823008 | 10694537 | 10768017 | 0.61   | cps   |
| Rhodium    | 103-2 | 6286344  | 6285667  | 6289537  | 6287183  | 0.03   | cps   |
| Scandium   | 45-1  | 5701355  | 5782347  | 5692000  | 5725234  | 0.87   | cps   |
| Scandium   | 45-2  | 341431   | 337389   | 338919   | 339246   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 117      | 143      | 131      | 130      | 9.98   | cps   |
| Selenium   | 82-1  | 379      | 230      | 213      | 274      | 33.34  | cps   |
| Silicon    | 28-1  | 5947327  | 5858824  | 5824692  | 5876948  | 1.08   | cps   |
| Silver     | 109-1 | 100      | 167      | 125      | 131      | 25.80  | cps   |
| Silver     | 107-1 | 142      | 217      | 192      | 183      | 20.83  | cps   |
| Sodium     | 23-2  | 6338983  | 6301778  | 6301623  | 6314128  | 0.34   | cps   |
| Strontium  | 86-1  | 77267    | 75533    | 77091    | 76630    | 1.25   | cps   |
| Strontium  | 88-1  | 670900   | 656110   | 668889   | 665299   | 1.21   | cps   |
| Sulfur     | 34-1  | 429390   | 421862   | 423014   | 424755   | 0.95   | cps   |
| Terbium    | 159-1 | 14795384 | 14480122 | 14706314 | 14660606 | 1.11   | cps   |
| Terbium    | 159-2 | 9171557  | 9274587  | 9203634  | 9216593  | 0.57   | cps   |
| Thallium   | 203-1 | 258      | 383      | 317      | 319      | 19.58  | cps   |
| Thallium   | 205-1 | 900      | 758      | 908      | 856      | 9.85   | cps   |
| Tin        | 118-1 | 2650     | 2592     | 2584     | 2609     | 1.39   | cps   |
| Titanium   | 47-1  | 1108     | 1175     | 1242     | 1175     | 5.67   | cps   |
| Uranium    | 238-1 | 750      | 658      | 817      | 742      | 10.72  | cps   |
| Vanadium   | 51-2  | 293      | 360      | 280      | 311      | 13.78  | cps   |
| Yttrium    | 89-1  | 11686133 | 11580049 | 11555496 | 11607226 | 0.60   | cps   |
| Yttrium    | 89-2  | 1964505  | 1950900  | 1955779  | 1957061  | 0.35   | cps   |
| Zinc       | 66-2  | 16443    | 16399    | 16456    | 16433    | 0.18   | cps   |
| Zirconium  | 90-1  | 1500     | 1250     | 1400     | 1383     | 9.10   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-22-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:44:06   | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 358  | 250  | 308  | 306     | 17.75  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-23 Instrumnet Name : P7  
 Client Sample ID : DC747-23-FL1-CL4-W4-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 20:47:31 DataFile Name : 092SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3567     | 3776     | 3943     | 3762     | 5.00   | cps   |
| Antimony   | 121-1 | 27628    | 25741    | 27244    | 26871    | 3.71   | cps   |
| Arsenic    | 75-2  | 104      | 102      | 143      | 116      | 19.82  | cps   |
| Barium     | 135-1 | 67774    | 68923    | 66819    | 67839    | 1.55   | cps   |
| Barium     | 137-1 | 118518   | 119469   | 119250   | 119079   | 0.42   | cps   |
| Beryllium  | 9-1   | 6        | 6        | 11       | 7        | 43.24  | cps   |
| Bismuth    | 209-1 | 9032327  | 8939908  | 8990094  | 8987443  | 0.51   | cps   |
| Bismuth    | 209-2 | 5977826  | 5995902  | 5954346  | 5976025  | 0.35   | cps   |
| Boron      | 10-1  | 608      | 558      | 617      | 594      | 5.31   | cps   |
| Boron      | 11-1  | 3217     | 3401     | 3301     | 3306     | 2.78   | cps   |
| Cadmium    | 111-1 | 2995     | 2883     | 3007     | 2962     | 2.31   | cps   |
| Cadmium    | 106-1 | 4276     | 4067     | 4218     | 4187     | 2.57   | cps   |
| Cadmium    | 108-1 | 117      | 92       | 71       | 93       | 24.66  | cps   |
| Calcium    | 43-1  | 171343   | 172629   | 170599   | 171523   | 0.60   | cps   |
| Calcium    | 44-1  | 2833046  | 2822824  | 2804100  | 2819990  | 0.52   | cps   |
| Chromium   | 52-2  | 6265     | 6448     | 6368     | 6360     | 1.45   | cps   |
| Cobalt     | 59-2  | 1073     | 1133     | 1027     | 1078     | 4.96   | cps   |
| Copper     | 63-2  | 1164973  | 1162382  | 1162537  | 1163297  | 0.12   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 67       | 33       | 86.59  | cps   |
| Dysprosium | 156-2 | 40       | 40       | 13       | 31       | 49.50  | cps   |
| Erbium     | 164-1 | 33       | 67       | 75       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 23       | 30       | 50       | 34       | 40.30  | cps   |
| Gadolinium | 160-1 | 233      | 175      | 125      | 178      | 30.50  | cps   |
| Gadolinium | 160-2 | 177      | 177      | 240      | 198      | 18.49  | cps   |
| Holmium    | 165-1 | 13696624 | 13800274 | 13674242 | 13723713 | 0.49   | cps   |
| Holmium    | 165-2 | 8763382  | 8808361  | 8742672  | 8771471  | 0.38   | cps   |
| Indium     | 115-1 | 11342641 | 11247709 | 11225451 | 11271934 | 0.55   | cps   |
| Indium     | 115-2 | 2546411  | 2586868  | 2555852  | 2563044  | 0.83   | cps   |
| Iron       | 56-2  | 69325    | 75861    | 71638    | 72275    | 4.59   | cps   |
| Iron       | 57-2  | 2639     | 2528     | 2322     | 2497     | 6.44   | cps   |
| Lead       | 206-1 | 6669     | 6885     | 6563     | 6706     | 2.45   | cps   |
| Lead       | 207-1 | 5857     | 6040     | 5574     | 5824     | 4.04   | cps   |
| Lead       | 208-1 | 30126    | 26739    | 25532    | 27466    | 8.67   | cps   |
| Lithium    | 6-1   | 367569   | 369579   | 367249   | 368132   | 0.34   | cps   |
| Magnesium  | 24-2  | 353735   | 360122   | 350866   | 354908   | 1.34   | cps   |
| Manganese  | 55-2  | 48085    | 47828    | 49108    | 48340    | 1.40   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-23-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:47:31   | DataFile Name :   | 092SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 642      | 767      | 708      | 706      | 8.87   | cps   |
| Molybdenum | 95-1  | 417      | 417      | 350      | 394      | 9.76   | cps   |
| Molybdenum | 96-1  | 575      | 417      | 508      | 500      | 15.90  | cps   |
| Molybdenum | 97-1  | 308      | 217      | 192      | 239      | 25.71  | cps   |
| Molybdenum | 98-1  | 475      | 533      | 842      | 617      | 31.95  | cps   |
| Neodymium  | 150-1 | 20       | 53       | 40       | 38       | 44.42  | cps   |
| Neodymium  | 150-2 | 13       | 13       | 23       | 17       | 34.65  | cps   |
| Nickel     | 60-2  | 356865   | 353395   | 356268   | 355509   | 0.52   | cps   |
| Phosphorus | 31-2  | 1817     | 1667     | 1750     | 1745     | 4.31   | cps   |
| Potassium  | 39-2  | 234848   | 234427   | 235197   | 234824   | 0.16   | cps   |
| Rhodium    | 103-1 | 10371332 | 10333106 | 10361749 | 10355396 | 0.19   | cps   |
| Rhodium    | 103-2 | 6074382  | 6082360  | 6012314  | 6056352  | 0.63   | cps   |
| Scandium   | 45-1  | 5576309  | 5498495  | 5458334  | 5511046  | 1.09   | cps   |
| Scandium   | 45-2  | 326077   | 329305   | 328076   | 327819   | 0.50   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 117      | 148      | 109      | 125      | 16.56  | cps   |
| Selenium   | 82-1  | 224      | 324      | 90       | 212      | 55.25  | cps   |
| Silicon    | 28-1  | 6272646  | 6292202  | 6209019  | 6257956  | 0.70   | cps   |
| Silver     | 109-1 | 258      | 225      | 267      | 250      | 8.82   | cps   |
| Silver     | 107-1 | 275      | 283      | 292      | 283      | 2.94   | cps   |
| Sodium     | 23-2  | 6950236  | 7022972  | 7020614  | 6997941  | 0.59   | cps   |
| Strontium  | 86-1  | 80149    | 78733    | 78063    | 78981    | 1.35   | cps   |
| Strontium  | 88-1  | 700072   | 685463   | 682054   | 689196   | 1.39   | cps   |
| Sulfur     | 34-1  | 470531   | 465772   | 465718   | 467340   | 0.59   | cps   |
| Terbium    | 159-1 | 14306231 | 14194756 | 14253347 | 14251445 | 0.39   | cps   |
| Terbium    | 159-2 | 8808418  | 8858988  | 8767811  | 8811739  | 0.52   | cps   |
| Thallium   | 203-1 | 500      | 483      | 725      | 569      | 23.70  | cps   |
| Thallium   | 205-1 | 1442     | 1650     | 1817     | 1636     | 11.48  | cps   |
| Tin        | 118-1 | 2575     | 3804     | 3109     | 3163     | 19.47  | cps   |
| Titanium   | 47-1  | 742      | 550      | 492      | 594      | 22.00  | cps   |
| Uranium    | 238-1 | 667      | 708      | 617      | 664      | 6.91   | cps   |
| Vanadium   | 51-2  | 167      | 173      | 183      | 174      | 4.81   | cps   |
| Yttrium    | 89-1  | 11196687 | 11205631 | 11003500 | 11135272 | 1.03   | cps   |
| Yttrium    | 89-2  | 1887455  | 1894315  | 1882123  | 1887964  | 0.32   | cps   |
| Zinc       | 66-2  | 977830   | 983523   | 986256   | 982536   | 0.44   | cps   |
| Zirconium  | 90-1  | 1242     | 1375     | 1150     | 1256     | 9.01   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-23              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-23-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:47:31   | DataFile Name :   | 092SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 333  | 292  | 283     | 19.29  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-24-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:50:56   | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2560     | 2092     | 1975     | 2209     | 14.02  | cps   |
| Antimony   | 121-1 | 842      | 817      | 617      | 758      | 16.26  | cps   |
| Arsenic    | 75-2  | 180      | 196      | 189      | 188      | 4.44   | cps   |
| Barium     | 135-1 | 48619    | 48862    | 47557    | 48346    | 1.44   | cps   |
| Barium     | 137-1 | 85540    | 83618    | 82412    | 83857    | 1.88   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 0        | 7        | 86.60  | cps   |
| Bismuth    | 209-1 | 9448170  | 9339325  | 9143499  | 9310331  | 1.66   | cps   |
| Bismuth    | 209-2 | 6134680  | 6138404  | 6153062  | 6142049  | 0.16   | cps   |
| Boron      | 10-1  | 567      | 500      | 517      | 528      | 6.57   | cps   |
| Boron      | 11-1  | 2984     | 3192     | 3067     | 3081     | 3.40   | cps   |
| Cadmium    | 111-1 | 3107     | 2917     | 2781     | 2935     | 5.59   | cps   |
| Cadmium    | 106-1 | 4434     | 4092     | 3967     | 4165     | 5.80   | cps   |
| Cadmium    | 108-1 | 25       | 8        | 25       | 19       | 49.50  | cps   |
| Calcium    | 43-1  | 173043   | 174310   | 170068   | 172473   | 1.26   | cps   |
| Calcium    | 44-1  | 2835123  | 2828047  | 2768118  | 2810429  | 1.31   | cps   |
| Chromium   | 52-2  | 3667     | 3674     | 3821     | 3721     | 2.33   | cps   |
| Cobalt     | 59-2  | 207      | 187      | 217      | 203      | 7.51   | cps   |
| Copper     | 63-2  | 218625   | 219194   | 219385   | 219068   | 0.18   | cps   |
| Dysprosium | 156-1 | 75       | 67       | 125      | 89       | 35.50  | cps   |
| Dysprosium | 156-2 | 40       | 43       | 20       | 34       | 36.64  | cps   |
| Erbium     | 164-1 | 75       | 150      | 100      | 108      | 35.25  | cps   |
| Erbium     | 164-2 | 107      | 70       | 67       | 81       | 27.36  | cps   |
| Gadolinium | 160-1 | 217      | 217      | 258      | 231      | 10.43  | cps   |
| Gadolinium | 160-2 | 207      | 197      | 223      | 209      | 6.45   | cps   |
| Holmium    | 165-1 | 14150606 | 14166762 | 14036046 | 14117804 | 0.50   | cps   |
| Holmium    | 165-2 | 9061439  | 9083585  | 8977353  | 9040792  | 0.62   | cps   |
| Indium     | 115-1 | 11723672 | 11833292 | 11598674 | 11718546 | 1.00   | cps   |
| Indium     | 115-2 | 2615003  | 2631424  | 2636443  | 2627624  | 0.43   | cps   |
| Iron       | 56-2  | 120361   | 124817   | 125678   | 123619   | 2.31   | cps   |
| Iron       | 57-2  | 3639     | 3628     | 3884     | 3717     | 3.89   | cps   |
| Lead       | 206-1 | 2873     | 2806     | 2745     | 2808     | 2.28   | cps   |
| Lead       | 207-1 | 2261     | 2528     | 2311     | 2367     | 5.99   | cps   |
| Lead       | 208-1 | 10802    | 11297    | 11091    | 11063    | 2.25   | cps   |
| Lithium    | 6-1   | 371201   | 377208   | 362841   | 370417   | 1.95   | cps   |
| Magnesium  | 24-2  | 352227   | 350426   | 353552   | 352068   | 0.45   | cps   |
| Manganese  | 55-2  | 41155    | 41101    | 40516    | 40924    | 0.87   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-24-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:50:56   | DataFile Name :   | 093SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 408      | 533      | 533      | 492      | 14.68  | cps   |
| Molybdenum | 95-1  | 200      | 342      | 325      | 289      | 26.80  | cps   |
| Molybdenum | 96-1  | 392      | 525      | 458      | 458      | 14.55  | cps   |
| Molybdenum | 97-1  | 150      | 242      | 167      | 186      | 26.24  | cps   |
| Molybdenum | 98-1  | 400      | 417      | 550      | 456      | 18.05  | cps   |
| Neodymium  | 150-1 | 60       | 67       | 100      | 76       | 28.36  | cps   |
| Neodymium  | 150-2 | 47       | 37       | 27       | 37       | 27.27  | cps   |
| Nickel     | 60-2  | 2604     | 2560     | 2327     | 2497     | 5.96   | cps   |
| Phosphorus | 31-2  | 5851     | 5751     | 5743     | 5782     | 1.04   | cps   |
| Potassium  | 39-2  | 203037   | 209233   | 207901   | 206724   | 1.58   | cps   |
| Rhodium    | 103-1 | 10844253 | 10776621 | 10589526 | 10736800 | 1.23   | cps   |
| Rhodium    | 103-2 | 6168058  | 6190476  | 6203076  | 6187203  | 0.29   | cps   |
| Scandium   | 45-1  | 5728422  | 5672251  | 5586773  | 5662482  | 1.26   | cps   |
| Scandium   | 45-2  | 332338   | 333753   | 334654   | 333582   | 0.35   | cps   |
| Selenium   | 77-2  | 7        | 3        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 122      | 137      | 119      | 126      | 7.78   | cps   |
| Selenium   | 82-1  | 123      | 154      | 163      | 147      | 14.23  | cps   |
| Silicon    | 28-1  | 5960677  | 5923747  | 5745173  | 5876532  | 1.96   | cps   |
| Silver     | 109-1 | 142      | 133      | 92       | 122      | 21.92  | cps   |
| Silver     | 107-1 | 217      | 158      | 175      | 183      | 16.39  | cps   |
| Sodium     | 23-2  | 6251604  | 6292108  | 6269067  | 6270926  | 0.32   | cps   |
| Strontium  | 86-1  | 76688    | 77182    | 77484    | 77118    | 0.52   | cps   |
| Strontium  | 88-1  | 661888   | 665862   | 651668   | 659806   | 1.11   | cps   |
| Sulfur     | 34-1  | 426925   | 425327   | 420486   | 424246   | 0.79   | cps   |
| Terbium    | 159-1 | 14819000 | 14825167 | 14406997 | 14683721 | 1.63   | cps   |
| Terbium    | 159-2 | 9007607  | 9077197  | 9059922  | 9048242  | 0.40   | cps   |
| Thallium   | 203-1 | 317      | 367      | 333      | 339      | 7.51   | cps   |
| Thallium   | 205-1 | 825      | 858      | 867      | 850      | 2.59   | cps   |
| Tin        | 118-1 | 1617     | 1492     | 1533     | 1547     | 4.11   | cps   |
| Titanium   | 47-1  | 900      | 975      | 1033     | 970      | 6.89   | cps   |
| Uranium    | 238-1 | 683      | 650      | 508      | 614      | 15.14  | cps   |
| Vanadium   | 51-2  | 333      | 327      | 240      | 300      | 17.36  | cps   |
| Yttrium    | 89-1  | 11473264 | 11587629 | 11445409 | 11502101 | 0.66   | cps   |
| Yttrium    | 89-2  | 1919976  | 1932512  | 1935552  | 1929347  | 0.43   | cps   |
| Zinc       | 66-2  | 12506    | 12929    | 12596    | 12677    | 1.76   | cps   |
| Zirconium  | 90-1  | 1200     | 1125     | 1283     | 1203     | 6.59   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-24              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-24-FL1-CL4-W4-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:50:56   | DataFile Name :   | 093SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 192  | 292  | 233     | 22.30  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-25-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:54:20  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 89727    | 90835    | 90825    | 90462    | 0.70   | cps   |
| Antimony   | 121-1 | 2834     | 2684     | 2750     | 2756     | 2.73   | cps   |
| Arsenic    | 75-2  | 180      | 161      | 213      | 185      | 14.24  | cps   |
| Barium     | 135-1 | 52517    | 51488    | 51982    | 51996    | 0.99   | cps   |
| Barium     | 137-1 | 92465    | 92567    | 89941    | 91658    | 1.62   | cps   |
| Beryllium  | 9-1   | 0        | 11       | 28       | 13       | 107.86 | cps   |
| Bismuth    | 209-1 | 9511916  | 9438100  | 9556410  | 9502142  | 0.63   | cps   |
| Bismuth    | 209-2 | 6219164  | 6246713  | 6239638  | 6235172  | 0.23   | cps   |
| Boron      | 10-1  | 692      | 800      | 775      | 756      | 7.51   | cps   |
| Boron      | 11-1  | 3792     | 3792     | 3684     | 3756     | 1.67   | cps   |
| Cadmium    | 111-1 | 3061     | 3243     | 3142     | 3148     | 2.90   | cps   |
| Cadmium    | 106-1 | 4284     | 4568     | 4443     | 4431     | 3.21   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 38       | 25       | 50.00  | cps   |
| Calcium    | 43-1  | 170235   | 173075   | 169798   | 171036   | 1.04   | cps   |
| Calcium    | 44-1  | 2796580  | 2799593  | 2794926  | 2797033  | 0.08   | cps   |
| Chromium   | 52-2  | 3550     | 3564     | 3687     | 3601     | 2.09   | cps   |
| Cobalt     | 59-2  | 1670     | 1757     | 1830     | 1752     | 4.57   | cps   |
| Copper     | 63-2  | 2422118  | 2424586  | 2413134  | 2419946  | 0.25   | cps   |
| Dysprosium | 156-1 | 92       | 50       | 92       | 78       | 30.93  | cps   |
| Dysprosium | 156-2 | 40       | 43       | 57       | 47       | 18.90  | cps   |
| Erbium     | 164-1 | 133      | 117      | 167      | 139      | 18.33  | cps   |
| Erbium     | 164-2 | 43       | 63       | 103      | 70       | 43.65  | cps   |
| Gadolinium | 160-1 | 300      | 217      | 192      | 236      | 24.02  | cps   |
| Gadolinium | 160-2 | 210      | 200      | 243      | 218      | 10.42  | cps   |
| Holmium    | 165-1 | 14443561 | 14251206 | 14345670 | 14346812 | 0.67   | cps   |
| Holmium    | 165-2 | 9196852  | 9121285  | 9140264  | 9152800  | 0.43   | cps   |
| Indium     | 115-1 | 11887258 | 12004391 | 12030651 | 11974100 | 0.64   | cps   |
| Indium     | 115-2 | 2658749  | 2668520  | 2642770  | 2656680  | 0.49   | cps   |
| Iron       | 56-2  | 172318   | 171568   | 172487   | 172125   | 0.28   | cps   |
| Iron       | 57-2  | 5207     | 4990     | 4851     | 5016     | 3.57   | cps   |
| Lead       | 206-1 | 5257     | 5379     | 5279     | 5305     | 1.23   | cps   |
| Lead       | 207-1 | 4773     | 4468     | 4267     | 4503     | 5.66   | cps   |
| Lead       | 208-1 | 21374    | 21146    | 20763    | 21094    | 1.46   | cps   |
| Lithium    | 6-1   | 372266   | 367814   | 380070   | 373383   | 1.66   | cps   |
| Magnesium  | 24-2  | 355839   | 360094   | 360458   | 358797   | 0.72   | cps   |
| Manganese  | 55-2  | 41051    | 40446    | 40098    | 40532    | 1.19   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-25-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:54:20  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 775      | 642      | 692      | 703      | 9.58   | cps   |
| Molybdenum | 95-1  | 383      | 292      | 233      | 303      | 24.98  | cps   |
| Molybdenum | 96-1  | 450      | 417      | 383      | 417      | 8.00   | cps   |
| Molybdenum | 97-1  | 192      | 217      | 367      | 258      | 36.64  | cps   |
| Molybdenum | 98-1  | 442      | 508      | 625      | 525      | 17.68  | cps   |
| Neodymium  | 150-1 | 73       | 127      | 53       | 84       | 44.89  | cps   |
| Neodymium  | 150-2 | 60       | 43       | 37       | 47       | 25.75  | cps   |
| Nickel     | 60-2  | 8426     | 8483     | 8426     | 8445     | 0.39   | cps   |
| Phosphorus | 31-2  | 4759     | 4743     | 4659     | 4720     | 1.13   | cps   |
| Potassium  | 39-2  | 206435   | 205413   | 202482   | 204777   | 1.00   | cps   |
| Rhodium    | 103-1 | 10899992 | 10745877 | 10883680 | 10843183 | 0.78   | cps   |
| Rhodium    | 103-2 | 6297877  | 6299998  | 6186383  | 6261419  | 1.04   | cps   |
| Scandium   | 45-1  | 5847623  | 5813801  | 5717755  | 5793059  | 1.16   | cps   |
| Scandium   | 45-2  | 340636   | 336790   | 336900   | 338109   | 0.65   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 106      | 120      | 110      | 7.74   | cps   |
| Selenium   | 82-1  | 246      | 171      | 300      | 239      | 27.14  | cps   |
| Silicon    | 28-1  | 6370133  | 6225999  | 6162944  | 6253025  | 1.70   | cps   |
| Silver     | 109-1 | 217      | 183      | 183      | 194      | 9.90   | cps   |
| Silver     | 107-1 | 208      | 233      | 300      | 247      | 19.17  | cps   |
| Sodium     | 23-2  | 6338313  | 6350797  | 6323021  | 6337377  | 0.22   | cps   |
| Strontium  | 86-1  | 76329    | 75491    | 76295    | 76038    | 0.62   | cps   |
| Strontium  | 88-1  | 657179   | 661514   | 650855   | 656516   | 0.82   | cps   |
| Sulfur     | 34-1  | 423052   | 422284   | 418480   | 421272   | 0.58   | cps   |
| Terbium    | 159-1 | 15250581 | 14937899 | 14977304 | 15055261 | 1.13   | cps   |
| Terbium    | 159-2 | 9044678  | 9123669  | 9185299  | 9117882  | 0.77   | cps   |
| Thallium   | 203-1 | 283      | 425      | 283      | 331      | 24.74  | cps   |
| Thallium   | 205-1 | 783      | 833      | 775      | 797      | 3.96   | cps   |
| Tin        | 118-1 | 8353     | 15918    | 7577     | 10616    | 43.40  | cps   |
| Titanium   | 47-1  | 3231     | 692      | 825      | 1583     | 90.30  | cps   |
| Uranium    | 238-1 | 850      | 658      | 808      | 772      | 13.05  | cps   |
| Vanadium   | 51-2  | 627      | 660      | 577      | 621      | 6.75   | cps   |
| Yttrium    | 89-1  | 11712439 | 11573639 | 11606707 | 11630928 | 0.62   | cps   |
| Yttrium    | 89-2  | 1949361  | 1972346  | 1929802  | 1950503  | 1.09   | cps   |
| Zinc       | 66-2  | 156769   | 159316   | 157079   | 157721   | 0.88   | cps   |
| Zirconium  | 90-1  | 1458     | 1450     | 1517     | 1475     | 2.46   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-25             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-25-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:54:20  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 325  | 417  | 242  | 328     | 26.71  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-26-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:57:45  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 78992    | 75700    | 77468    | 77387    | 2.13   | cps   |
| Antimony   | 121-1 | 1067     | 1417     | 1225     | 1236     | 14.18  | cps   |
| Arsenic    | 75-2  | 193      | 202      | 204      | 199      | 2.99   | cps   |
| Barium     | 135-1 | 53471    | 53621    | 53219    | 53437    | 0.38   | cps   |
| Barium     | 137-1 | 94563    | 94177    | 93060    | 93933    | 0.83   | cps   |
| Beryllium  | 9-1   | 11       | 0        | 22       | 11       | 100.00 | cps   |
| Bismuth    | 209-1 | 9450636  | 9490782  | 9394356  | 9445258  | 0.51   | cps   |
| Bismuth    | 209-2 | 6214114  | 6179062  | 6193661  | 6195612  | 0.28   | cps   |
| Boron      | 10-1  | 692      | 625      | 592      | 636      | 8.00   | cps   |
| Boron      | 11-1  | 3359     | 3634     | 3642     | 3545     | 4.55   | cps   |
| Cadmium    | 111-1 | 2781     | 2674     | 2812     | 2756     | 2.63   | cps   |
| Cadmium    | 106-1 | 3892     | 3792     | 3976     | 3887     | 2.36   | cps   |
| Cadmium    | 108-1 | 21       | 8        | 13       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 174335   | 171861   | 173291   | 173162   | 0.72   | cps   |
| Calcium    | 44-1  | 2877630  | 2863736  | 2858614  | 2866660  | 0.34   | cps   |
| Chromium   | 52-2  | 3761     | 3861     | 3654     | 3758     | 2.75   | cps   |
| Cobalt     | 59-2  | 1467     | 1530     | 1463     | 1487     | 2.53   | cps   |
| Copper     | 63-2  | 1155435  | 1159379  | 1157090  | 1157302  | 0.17   | cps   |
| Dysprosium | 156-1 | 75       | 58       | 108      | 81       | 31.60  | cps   |
| Dysprosium | 156-2 | 63       | 50       | 43       | 52       | 19.50  | cps   |
| Erbium     | 164-1 | 133      | 183      | 142      | 153      | 17.53  | cps   |
| Erbium     | 164-2 | 63       | 97       | 93       | 84       | 21.75  | cps   |
| Gadolinium | 160-1 | 292      | 192      | 308      | 264      | 23.91  | cps   |
| Gadolinium | 160-2 | 223      | 217      | 190      | 210      | 8.40   | cps   |
| Holmium    | 165-1 | 14318900 | 14320397 | 14288052 | 14309116 | 0.13   | cps   |
| Holmium    | 165-2 | 9147874  | 9118896  | 9048909  | 9105226  | 0.56   | cps   |
| Indium     | 115-1 | 11784965 | 11876057 | 11791936 | 11817653 | 0.43   | cps   |
| Indium     | 115-2 | 2639119  | 2645766  | 2661940  | 2648942  | 0.44   | cps   |
| Iron       | 56-2  | 175827   | 172176   | 169943   | 172649   | 1.72   | cps   |
| Iron       | 57-2  | 4901     | 4962     | 4751     | 4871     | 2.23   | cps   |
| Lead       | 206-1 | 3323     | 3439     | 3184     | 3315     | 3.86   | cps   |
| Lead       | 207-1 | 2817     | 2823     | 2628     | 2756     | 4.02   | cps   |
| Lead       | 208-1 | 13008    | 13170    | 12631    | 12936    | 2.14   | cps   |
| Lithium    | 6-1   | 365908   | 371218   | 374981   | 370702   | 1.23   | cps   |
| Magnesium  | 24-2  | 356826   | 354101   | 360142   | 357023   | 0.85   | cps   |
| Manganese  | 55-2  | 45099    | 46132    | 45811    | 45681    | 1.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-26-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:57:45  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 633      | 750      | 800      | 728      | 11.75  | cps   |
| Molybdenum | 95-1  | 275      | 283      | 292      | 283      | 2.94   | cps   |
| Molybdenum | 96-1  | 400      | 442      | 408      | 417      | 5.29   | cps   |
| Molybdenum | 97-1  | 175      | 267      | 167      | 203      | 27.36  | cps   |
| Molybdenum | 98-1  | 525      | 533      | 550      | 536      | 2.38   | cps   |
| Neodymium  | 150-1 | 73       | 87       | 147      | 102      | 38.21  | cps   |
| Neodymium  | 150-2 | 43       | 47       | 40       | 43       | 7.70   | cps   |
| Nickel     | 60-2  | 2150     | 2314     | 2197     | 2220     | 3.79   | cps   |
| Phosphorus | 31-2  | 5960     | 5176     | 5835     | 5657     | 7.44   | cps   |
| Potassium  | 39-2  | 205539   | 206300   | 207752   | 206530   | 0.54   | cps   |
| Rhodium    | 103-1 | 10859844 | 10686156 | 10875686 | 10807229 | 0.97   | cps   |
| Rhodium    | 103-2 | 6173129  | 6205876  | 6261389  | 6213465  | 0.72   | cps   |
| Scandium   | 45-1  | 5788246  | 5730071  | 5688079  | 5735466  | 0.88   | cps   |
| Scandium   | 45-2  | 334592   | 337711   | 336242   | 336182   | 0.46   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 120      | 113      | 98       | 110      | 10.24  | cps   |
| Selenium   | 82-1  | 201      | 240      | 225      | 222      | 8.92   | cps   |
| Silicon    | 28-1  | 6103850  | 6027242  | 6055529  | 6062207  | 0.64   | cps   |
| Silver     | 109-1 | 192      | 225      | 67       | 161      | 51.81  | cps   |
| Silver     | 107-1 | 175      | 92       | 192      | 153      | 35.07  | cps   |
| Sodium     | 23-2  | 6361452  | 6250270  | 6272738  | 6294820  | 0.93   | cps   |
| Strontium  | 86-1  | 77023    | 78104    | 76496    | 77208    | 1.06   | cps   |
| Strontium  | 88-1  | 667071   | 663666   | 665091   | 665276   | 0.26   | cps   |
| Sulfur     | 34-1  | 418283   | 416918   | 414003   | 416401   | 0.52   | cps   |
| Terbium    | 159-1 | 14960920 | 14770961 | 14768483 | 14833455 | 0.74   | cps   |
| Terbium    | 159-2 | 9190346  | 9182751  | 9176091  | 9183063  | 0.08   | cps   |
| Thallium   | 203-1 | 375      | 425      | 492      | 431      | 13.60  | cps   |
| Thallium   | 205-1 | 867      | 717      | 658      | 747      | 14.38  | cps   |
| Tin        | 118-1 | 7110     | 6919     | 6852     | 6960     | 1.93   | cps   |
| Titanium   | 47-1  | 942      | 900      | 875      | 906      | 3.72   | cps   |
| Uranium    | 238-1 | 667      | 558      | 783      | 669      | 16.81  | cps   |
| Vanadium   | 51-2  | 510      | 450      | 617      | 526      | 16.06  | cps   |
| Yttrium    | 89-1  | 11629223 | 11532396 | 11662427 | 11608015 | 0.58   | cps   |
| Yttrium    | 89-2  | 1943898  | 1943309  | 1949248  | 1945485  | 0.17   | cps   |
| Zinc       | 66-2  | 24711    | 25088    | 24885    | 24895    | 0.76   | cps   |
| Zirconium  | 90-1  | 1609     | 1433     | 1509     | 1517     | 5.79   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-26             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-26-FL1-BRGCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 20:57:45  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 333  | 275  | 314     | 10.73  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-27 Instrumnet Name : P7  
 Client Sample ID : DC747-27-FL1-BRBCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:01:10 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4023     | 2950     | 2842     | 3272     | 19.96  | cps   |
| Antimony   | 121-1 | 4051     | 4034     | 4368     | 4151     | 4.53   | cps   |
| Arsenic    | 75-2  | 172      | 183      | 130      | 162      | 17.53  | cps   |
| Barium     | 135-1 | 51312    | 50693    | 51230    | 51078    | 0.66   | cps   |
| Barium     | 137-1 | 87669    | 88348    | 87542    | 87853    | 0.49   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 6        | 13       | 49.47  | cps   |
| Bismuth    | 209-1 | 9220562  | 9126314  | 9112786  | 9153221  | 0.64   | cps   |
| Bismuth    | 209-2 | 6118363  | 6127854  | 6105187  | 6117135  | 0.19   | cps   |
| Boron      | 10-1  | 475      | 592      | 550      | 539      | 10.97  | cps   |
| Boron      | 11-1  | 3000     | 2792     | 2817     | 2870     | 3.96   | cps   |
| Cadmium    | 111-1 | 2582     | 3009     | 2840     | 2810     | 7.65   | cps   |
| Cadmium    | 106-1 | 3659     | 4268     | 4034     | 3987     | 7.70   | cps   |
| Cadmium    | 108-1 | 13       | 29       | 25       | 22       | 39.04  | cps   |
| Calcium    | 43-1  | 170397   | 171787   | 169183   | 170456   | 0.76   | cps   |
| Calcium    | 44-1  | 2833412  | 2808317  | 2800524  | 2814084  | 0.61   | cps   |
| Chromium   | 52-2  | 4004     | 3957     | 4111     | 4024     | 1.95   | cps   |
| Cobalt     | 59-2  | 230      | 247      | 263      | 247      | 6.76   | cps   |
| Copper     | 63-2  | 1672858  | 1679966  | 1669243  | 1674022  | 0.33   | cps   |
| Dysprosium | 156-1 | 33       | 58       | 67       | 53       | 32.88  | cps   |
| Dysprosium | 156-2 | 17       | 47       | 40       | 34       | 45.73  | cps   |
| Erbium     | 164-1 | 125      | 133      | 75       | 111      | 28.40  | cps   |
| Erbium     | 164-2 | 83       | 67       | 53       | 68       | 22.18  | cps   |
| Gadolinium | 160-1 | 208      | 167      | 308      | 228      | 31.97  | cps   |
| Gadolinium | 160-2 | 170      | 163      | 193      | 176      | 8.97   | cps   |
| Holmium    | 165-1 | 14137924 | 13864426 | 13847254 | 13949868 | 1.17   | cps   |
| Holmium    | 165-2 | 9027179  | 9021232  | 8992342  | 9013584  | 0.21   | cps   |
| Indium     | 115-1 | 11548432 | 11543210 | 11523616 | 11538419 | 0.11   | cps   |
| Indium     | 115-2 | 2600608  | 2618726  | 2616293  | 2611876  | 0.38   | cps   |
| Iron       | 56-2  | 98132    | 103224   | 101163   | 100840   | 2.54   | cps   |
| Iron       | 57-2  | 2834     | 3245     | 3195     | 3091     | 7.26   | cps   |
| Lead       | 206-1 | 6680     | 7047     | 7208     | 6978     | 3.88   | cps   |
| Lead       | 207-1 | 6268     | 6052     | 5879     | 6066     | 3.21   | cps   |
| Lead       | 208-1 | 27573    | 27640    | 27701    | 27638    | 0.23   | cps   |
| Lithium    | 6-1   | 352815   | 359880   | 351782   | 354826   | 1.24   | cps   |
| Magnesium  | 24-2  | 350309   | 346047   | 346143   | 347500   | 0.70   | cps   |
| Manganese  | 55-2  | 38099    | 38277    | 38571    | 38316    | 0.62   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-27-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:01:10  | DataFile Name :   | 096SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 592      | 617      | 750      | 653      | 13.04  | cps   |
| Molybdenum | 95-1  | 258      | 350      | 350      | 319      | 16.57  | cps   |
| Molybdenum | 96-1  | 383      | 383      | 450      | 406      | 9.49   | cps   |
| Molybdenum | 97-1  | 150      | 142      | 217      | 169      | 24.26  | cps   |
| Molybdenum | 98-1  | 508      | 367      | 458      | 444      | 16.17  | cps   |
| Neodymium  | 150-1 | 80       | 80       | 40       | 67       | 34.64  | cps   |
| Neodymium  | 150-2 | 20       | 50       | 33       | 34       | 43.64  | cps   |
| Nickel     | 60-2  | 7612     | 7469     | 7282     | 7454     | 2.22   | cps   |
| Phosphorus | 31-2  | 5401     | 5751     | 6018     | 5724     | 5.41   | cps   |
| Potassium  | 39-2  | 205209   | 205679   | 204332   | 205073   | 0.33   | cps   |
| Rhodium    | 103-1 | 10615233 | 10389107 | 10424908 | 10476416 | 1.16   | cps   |
| Rhodium    | 103-2 | 6167347  | 6224313  | 6089150  | 6160270  | 1.10   | cps   |
| Scandium   | 45-1  | 5676248  | 5594076  | 5532675  | 5600999  | 1.29   | cps   |
| Scandium   | 45-2  | 332545   | 331901   | 329214   | 331220   | 0.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 156      | 120      | 111      | 129      | 18.18  | cps   |
| Selenium   | 82-1  | 171      | 268      | 217      | 219      | 22.20  | cps   |
| Silicon    | 28-1  | 5740576  | 5626194  | 6008970  | 5791913  | 3.39   | cps   |
| Silver     | 109-1 | 208      | 183      | 100      | 164      | 34.61  | cps   |
| Silver     | 107-1 | 200      | 250      | 192      | 214      | 14.75  | cps   |
| Sodium     | 23-2  | 6250058  | 6225392  | 6233055  | 6236168  | 0.20   | cps   |
| Strontium  | 86-1  | 76605    | 74594    | 75675    | 75624    | 1.33   | cps   |
| Strontium  | 88-1  | 657454   | 653210   | 658322   | 656329   | 0.42   | cps   |
| Sulfur     | 34-1  | 413968   | 412968   | 410986   | 412641   | 0.37   | cps   |
| Terbium    | 159-1 | 14491156 | 14465892 | 14337709 | 14431586 | 0.57   | cps   |
| Terbium    | 159-2 | 9051087  | 8932930  | 8990824  | 8991614  | 0.66   | cps   |
| Thallium   | 203-1 | 375      | 325      | 292      | 331      | 12.69  | cps   |
| Thallium   | 205-1 | 800      | 892      | 800      | 831      | 6.37   | cps   |
| Tin        | 118-1 | 2200     | 2292     | 2275     | 2256     | 2.16   | cps   |
| Titanium   | 47-1  | 1050     | 825      | 992      | 956      | 12.22  | cps   |
| Uranium    | 238-1 | 375      | 333      | 508      | 406      | 22.54  | cps   |
| Vanadium   | 51-2  | 243      | 270      | 317      | 277      | 13.42  | cps   |
| Yttrium    | 89-1  | 11288954 | 11286772 | 11296339 | 11290688 | 0.04   | cps   |
| Yttrium    | 89-2  | 1927970  | 1945426  | 1921344  | 1931580  | 0.64   | cps   |
| Zinc       | 66-2  | 54137    | 54732    | 55114    | 54661    | 0.90   | cps   |
| Zirconium  | 90-1  | 1100     | 1459     | 1450     | 1336     | 15.31  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-27             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-27-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:01:10  | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 225  | 258  | 242     | 6.90   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-28 Instrumnet Name : P7  
 Client Sample ID : DC747-28-FL1-BRBCL4- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:04:35 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1909     | 1825     | 1725     | 1820     | 5.05   | cps   |
| Antimony   | 121-1 | 700      | 817      | 733      | 750      | 8.01   | cps   |
| Arsenic    | 75-2  | 207      | 209      | 169      | 195      | 11.79  | cps   |
| Barium     | 135-1 | 47123    | 47282    | 48135    | 47513    | 1.14   | cps   |
| Barium     | 137-1 | 83324    | 83115    | 82981    | 83140    | 0.21   | cps   |
| Beryllium  | 9-1   | 17       | 17       | 22       | 19       | 17.30  | cps   |
| Bismuth    | 209-1 | 9225249  | 9224504  | 9281655  | 9243803  | 0.35   | cps   |
| Bismuth    | 209-2 | 6187012  | 6170208  | 6231821  | 6196347  | 0.51   | cps   |
| Boron      | 10-1  | 433      | 433      | 433      | 433      | 0.00   | cps   |
| Boron      | 11-1  | 2575     | 2659     | 2992     | 2742     | 8.04   | cps   |
| Cadmium    | 111-1 | 2945     | 2862     | 2937     | 2915     | 1.57   | cps   |
| Cadmium    | 106-1 | 4142     | 4067     | 4151     | 4120     | 1.11   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 8        | 10       | 24.77  | cps   |
| Calcium    | 43-1  | 167522   | 170826   | 171444   | 169931   | 1.24   | cps   |
| Calcium    | 44-1  | 2755345  | 2777176  | 2791514  | 2774678  | 0.66   | cps   |
| Chromium   | 52-2  | 3664     | 3877     | 3594     | 3712     | 3.98   | cps   |
| Cobalt     | 59-2  | 233      | 220      | 180      | 211      | 13.15  | cps   |
| Copper     | 63-2  | 316467   | 315316   | 316802   | 316195   | 0.25   | cps   |
| Dysprosium | 156-1 | 67       | 108      | 83       | 86       | 24.35  | cps   |
| Dysprosium | 156-2 | 20       | 37       | 63       | 40       | 54.64  | cps   |
| Erbium     | 164-1 | 100      | 117      | 75       | 97       | 21.57  | cps   |
| Erbium     | 164-2 | 57       | 63       | 77       | 66       | 15.54  | cps   |
| Gadolinium | 160-1 | 158      | 225      | 208      | 197      | 17.59  | cps   |
| Gadolinium | 160-2 | 203      | 240      | 217      | 220      | 8.44   | cps   |
| Holmium    | 165-1 | 14127916 | 13971858 | 14231977 | 14110584 | 0.93   | cps   |
| Holmium    | 165-2 | 9111975  | 9110395  | 9180816  | 9134395  | 0.44   | cps   |
| Indium     | 115-1 | 11613902 | 11730864 | 11798383 | 11714383 | 0.80   | cps   |
| Indium     | 115-2 | 2653000  | 2640161  | 2649629  | 2647597  | 0.25   | cps   |
| Iron       | 56-2  | 103492   | 101947   | 110198   | 105212   | 4.17   | cps   |
| Iron       | 57-2  | 3050     | 3373     | 3439     | 3288     | 6.33   | cps   |
| Lead       | 206-1 | 2228     | 1978     | 2106     | 2104     | 5.94   | cps   |
| Lead       | 207-1 | 2000     | 1850     | 1950     | 1934     | 3.95   | cps   |
| Lead       | 208-1 | 8340     | 8490     | 8740     | 8524     | 2.37   | cps   |
| Lithium    | 6-1   | 360748   | 357193   | 359622   | 359188   | 0.51   | cps   |
| Magnesium  | 24-2  | 352505   | 351766   | 355294   | 353188   | 0.53   | cps   |
| Manganese  | 55-2  | 40974    | 39998    | 39964    | 40312    | 1.42   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-28-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:04:35  | DataFile Name :   | 097SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 525      | 575      | 575      | 558      | 5.17   | cps   |
| Molybdenum | 95-1  | 258      | 308      | 308      | 292      | 9.90   | cps   |
| Molybdenum | 96-1  | 450      | 417      | 350      | 406      | 12.56  | cps   |
| Molybdenum | 97-1  | 200      | 150      | 242      | 197      | 23.27  | cps   |
| Molybdenum | 98-1  | 392      | 450      | 425      | 422      | 6.93   | cps   |
| Neodymium  | 150-1 | 80       | 73       | 93       | 82       | 12.39  | cps   |
| Neodymium  | 150-2 | 37       | 30       | 33       | 33       | 10.01  | cps   |
| Nickel     | 60-2  | 860      | 787      | 883      | 843      | 5.98   | cps   |
| Phosphorus | 31-2  | 5493     | 5451     | 5685     | 5543     | 2.25   | cps   |
| Potassium  | 39-2  | 205251   | 206427   | 205135   | 205604   | 0.35   | cps   |
| Rhodium    | 103-1 | 10548604 | 10571249 | 10697818 | 10605890 | 0.76   | cps   |
| Rhodium    | 103-2 | 6242492  | 6314402  | 6245146  | 6267347  | 0.65   | cps   |
| Scandium   | 45-1  | 5544281  | 5656142  | 5728792  | 5643072  | 1.65   | cps   |
| Scandium   | 45-2  | 337240   | 336140   | 339903   | 337761   | 0.57   | cps   |
| Selenium   | 77-2  | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 144      | 124      | 131      | 133      | 7.73   | cps   |
| Selenium   | 82-1  | 291      | 211      | 243      | 248      | 16.28  | cps   |
| Silicon    | 28-1  | 5685240  | 5694084  | 5802922  | 5727415  | 1.14   | cps   |
| Silver     | 109-1 | 150      | 117      | 142      | 136      | 12.75  | cps   |
| Silver     | 107-1 | 108      | 133      | 200      | 147      | 32.19  | cps   |
| Sodium     | 23-2  | 6288521  | 6235908  | 6300317  | 6274915  | 0.55   | cps   |
| Strontium  | 86-1  | 75993    | 75725    | 75088    | 75602    | 0.61   | cps   |
| Strontium  | 88-1  | 662944   | 657323   | 650715   | 656994   | 0.93   | cps   |
| Sulfur     | 34-1  | 419376   | 421941   | 421857   | 421058   | 0.35   | cps   |
| Terbium    | 159-1 | 14498356 | 14516600 | 14647172 | 14554043 | 0.56   | cps   |
| Terbium    | 159-2 | 9098911  | 9182131  | 9154402  | 9145148  | 0.46   | cps   |
| Thallium   | 203-1 | 283      | 308      | 417      | 336      | 21.09  | cps   |
| Thallium   | 205-1 | 800      | 733      | 750      | 761      | 4.56   | cps   |
| Tin        | 118-1 | 1617     | 1308     | 1717     | 1547     | 13.76  | cps   |
| Titanium   | 47-1  | 858      | 1008     | 833      | 900      | 10.52  | cps   |
| Uranium    | 238-1 | 683      | 608      | 592      | 628      | 7.78   | cps   |
| Vanadium   | 51-2  | 270      | 207      | 323      | 267      | 21.90  | cps   |
| Yttrium    | 89-1  | 11497886 | 11473528 | 11480289 | 11483901 | 0.11   | cps   |
| Yttrium    | 89-2  | 1949425  | 1946763  | 1952431  | 1949539  | 0.15   | cps   |
| Zinc       | 66-2  | 3954     | 4144     | 4167     | 4088     | 2.86   | cps   |
| Zirconium  | 90-1  | 1500     | 1167     | 1225     | 1297     | 13.72  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-28             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-28-FL1-BRBCL4- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:04:35  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 317  | 275  | 294     | 7.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-29-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:08:01  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1050     | 1092     | 908      | 1017     | 9.45   | cps   |
| Antimony   | 121-1 | 767      | 825      | 817      | 803      | 3.93   | cps   |
| Arsenic    | 75-2  | 163      | 150      | 196      | 170      | 14.07  | cps   |
| Barium     | 135-1 | 50552    | 49723    | 51020    | 50432    | 1.30   | cps   |
| Barium     | 137-1 | 88314    | 87919    | 87509    | 87914    | 0.46   | cps   |
| Beryllium  | 9-1   | 0        | 17       | 11       | 9        | 91.66  | cps   |
| Bismuth    | 209-1 | 9491601  | 9387250  | 9353757  | 9410870  | 0.76   | cps   |
| Bismuth    | 209-2 | 6110125  | 6141667  | 6119158  | 6123650  | 0.27   | cps   |
| Boron      | 10-1  | 683      | 692      | 600      | 658      | 7.70   | cps   |
| Boron      | 11-1  | 3517     | 3751     | 3659     | 3642     | 3.23   | cps   |
| Cadmium    | 111-1 | 2828     | 2857     | 2787     | 2824     | 1.25   | cps   |
| Cadmium    | 106-1 | 4009     | 4084     | 3992     | 4029     | 1.21   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 17       | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 162374   | 160783   | 158458   | 160538   | 1.23   | cps   |
| Calcium    | 44-1  | 2672553  | 2640563  | 2633025  | 2648714  | 0.79   | cps   |
| Chromium   | 52-2  | 3557     | 3961     | 3754     | 3757     | 5.37   | cps   |
| Cobalt     | 59-2  | 153      | 130      | 103      | 129      | 19.41  | cps   |
| Copper     | 63-2  | 17731    | 18505    | 18165    | 18134    | 2.14   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 17       | 23       | 7        | 16       | 53.90  | cps   |
| Erbium     | 164-1 | 67       | 42       | 92       | 67       | 37.50  | cps   |
| Erbium     | 164-2 | 67       | 53       | 23       | 48       | 46.46  | cps   |
| Gadolinium | 160-1 | 233      | 117      | 133      | 161      | 39.17  | cps   |
| Gadolinium | 160-2 | 133      | 160      | 173      | 156      | 13.09  | cps   |
| Holmium    | 165-1 | 14331845 | 14577374 | 14345945 | 14418388 | 0.96   | cps   |
| Holmium    | 165-2 | 9028016  | 9073836  | 9119938  | 9073930  | 0.51   | cps   |
| Indium     | 115-1 | 11918476 | 11813864 | 11695873 | 11809404 | 0.94   | cps   |
| Indium     | 115-2 | 2617445  | 2616226  | 2612934  | 2615535  | 0.09   | cps   |
| Iron       | 56-2  | 37661    | 38078    | 38702    | 38147    | 1.37   | cps   |
| Iron       | 57-2  | 1628     | 1717     | 1678     | 1674     | 2.66   | cps   |
| Lead       | 206-1 | 2739     | 2723     | 2834     | 2765     | 2.17   | cps   |
| Lead       | 207-1 | 2217     | 2300     | 2334     | 2284     | 2.63   | cps   |
| Lead       | 208-1 | 10391    | 10352    | 10469    | 10404    | 0.57   | cps   |
| Lithium    | 6-1   | 364013   | 365035   | 363848   | 364299   | 0.18   | cps   |
| Magnesium  | 24-2  | 349969   | 351848   | 350895   | 350904   | 0.27   | cps   |
| Manganese  | 55-2  | 7655     | 7535     | 7836     | 7675     | 1.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-29-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:08:01  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 400      | 675      | 575      | 550      | 25.31  | cps   |
| Molybdenum | 95-1  | 392      | 292      | 350      | 344      | 14.58  | cps   |
| Molybdenum | 96-1  | 375      | 517      | 492      | 461      | 16.40  | cps   |
| Molybdenum | 97-1  | 250      | 158      | 242      | 217      | 23.39  | cps   |
| Molybdenum | 98-1  | 600      | 492      | 583      | 558      | 10.45  | cps   |
| Neodymium  | 150-1 | 27       | 53       | 13       | 31       | 65.48  | cps   |
| Neodymium  | 150-2 | 13       | 10       | 13       | 12       | 15.73  | cps   |
| Nickel     | 60-2  | 1380     | 1467     | 1297     | 1381     | 6.16   | cps   |
| Phosphorus | 31-2  | 5385     | 5793     | 6260     | 5812     | 7.54   | cps   |
| Potassium  | 39-2  | 205689   | 206485   | 206559   | 206244   | 0.23   | cps   |
| Rhodium    | 103-1 | 10905541 | 10759441 | 10752001 | 10805661 | 0.80   | cps   |
| Rhodium    | 103-2 | 6162654  | 6169374  | 6140827  | 6157619  | 0.24   | cps   |
| Scandium   | 45-1  | 5692060  | 5662875  | 5668851  | 5674595  | 0.27   | cps   |
| Scandium   | 45-2  | 333895   | 334196   | 334833   | 334308   | 0.14   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 122      | 120      | 119      | 3.23   | cps   |
| Selenium   | 82-1  | 199      | 349      | 289      | 279      | 27.04  | cps   |
| Silicon    | 28-1  | 6060285  | 5976217  | 5932657  | 5989720  | 1.08   | cps   |
| Silver     | 109-1 | 300      | 258      | 350      | 303      | 15.16  | cps   |
| Silver     | 107-1 | 400      | 333      | 283      | 339      | 17.27  | cps   |
| Sodium     | 23-2  | 6347819  | 6393926  | 6251683  | 6331143  | 1.15   | cps   |
| Strontium  | 86-1  | 73481    | 73598    | 72651    | 73243    | 0.70   | cps   |
| Strontium  | 88-1  | 639411   | 639766   | 629350   | 636176   | 0.93   | cps   |
| Sulfur     | 34-1  | 410999   | 414017   | 413766   | 412928   | 0.41   | cps   |
| Terbium    | 159-1 | 15031365 | 14829832 | 14827578 | 14896258 | 0.79   | cps   |
| Terbium    | 159-2 | 9071475  | 9110455  | 9112128  | 9098019  | 0.25   | cps   |
| Thallium   | 203-1 | 300      | 250      | 225      | 258      | 14.78  | cps   |
| Thallium   | 205-1 | 633      | 675      | 733      | 681      | 7.38   | cps   |
| Tin        | 118-1 | 1250     | 1425     | 1367     | 1347     | 6.61   | cps   |
| Titanium   | 47-1  | 725      | 833      | 675      | 744      | 10.87  | cps   |
| Uranium    | 238-1 | 183      | 275      | 233      | 231      | 19.90  | cps   |
| Vanadium   | 51-2  | 223      | 210      | 240      | 224      | 6.70   | cps   |
| Yttrium    | 89-1  | 11529064 | 11649684 | 11523471 | 11567406 | 0.62   | cps   |
| Yttrium    | 89-2  | 1917927  | 1929115  | 1940919  | 1929320  | 0.60   | cps   |
| Zinc       | 66-2  | 4577     | 4721     | 4858     | 4719     | 2.97   | cps   |
| Zirconium  | 90-1  | 1167     | 1208     | 1117     | 1164     | 3.94   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-29             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-29-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:08:01  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 275  | 275  | 258     | 11.18  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-30 Instrumnet Name : P7  
 Client Sample ID : DC747-30-FL1-H-W2-WC Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:11:26 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 858      | 925      | 783      | 856      | 8.28   | cps   |
| Antimony   | 121-1 | 733      | 808      | 592      | 711      | 15.47  | cps   |
| Arsenic    | 75-2  | 150      | 172      | 156      | 159      | 7.26   | cps   |
| Barium     | 135-1 | 50451    | 49139    | 50217    | 49935    | 1.40   | cps   |
| Barium     | 137-1 | 85086    | 85865    | 86604    | 85852    | 0.88   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 17       | 13       | 24.76  | cps   |
| Bismuth    | 209-1 | 9386871  | 9331903  | 9383769  | 9367514  | 0.33   | cps   |
| Bismuth    | 209-2 | 6193533  | 6219162  | 6171689  | 6194795  | 0.38   | cps   |
| Boron      | 10-1  | 567      | 642      | 575      | 594      | 6.92   | cps   |
| Boron      | 11-1  | 3509     | 3442     | 3617     | 3523     | 2.51   | cps   |
| Cadmium    | 111-1 | 2746     | 2665     | 2678     | 2696     | 1.61   | cps   |
| Cadmium    | 106-1 | 3917     | 3809     | 3817     | 3848     | 1.57   | cps   |
| Cadmium    | 108-1 | 13       | 8        | 21       | 14       | 45.83  | cps   |
| Calcium    | 43-1  | 158988   | 161649   | 160654   | 160431   | 0.84   | cps   |
| Calcium    | 44-1  | 2606211  | 2630960  | 2632688  | 2623286  | 0.56   | cps   |
| Chromium   | 52-2  | 3577     | 3520     | 3654     | 3584     | 1.87   | cps   |
| Cobalt     | 59-2  | 140      | 157      | 170      | 156      | 9.66   | cps   |
| Copper     | 63-2  | 17581    | 18028    | 17915    | 17841    | 1.30   | cps   |
| Dysprosium | 156-1 | 8        | 50       | 25       | 28       | 75.51  | cps   |
| Dysprosium | 156-2 | 30       | 3        | 7        | 13       | 108.98 | cps   |
| Erbium     | 164-1 | 67       | 25       | 50       | 47       | 44.41  | cps   |
| Erbium     | 164-2 | 50       | 47       | 37       | 44       | 15.61  | cps   |
| Gadolinium | 160-1 | 158      | 183      | 175      | 172      | 7.39   | cps   |
| Gadolinium | 160-2 | 137      | 157      | 160      | 151      | 8.35   | cps   |
| Holmium    | 165-1 | 14206122 | 14265065 | 14143671 | 14204953 | 0.43   | cps   |
| Holmium    | 165-2 | 9151548  | 9055477  | 9160110  | 9122378  | 0.64   | cps   |
| Indium     | 115-1 | 11843116 | 11764580 | 11778807 | 11795501 | 0.35   | cps   |
| Indium     | 115-2 | 2647813  | 2638539  | 2635965  | 2640772  | 0.24   | cps   |
| Iron       | 56-2  | 35061    | 35583    | 34804    | 35149    | 1.13   | cps   |
| Iron       | 57-2  | 1761     | 1495     | 1745     | 1667     | 8.96   | cps   |
| Lead       | 206-1 | 1322     | 1367     | 1445     | 1378     | 4.49   | cps   |
| Lead       | 207-1 | 1261     | 1356     | 1261     | 1293     | 4.22   | cps   |
| Lead       | 208-1 | 5795     | 5795     | 5534     | 5708     | 2.64   | cps   |
| Lithium    | 6-1   | 361156   | 366393   | 365867   | 364472   | 0.79   | cps   |
| Magnesium  | 24-2  | 352536   | 351516   | 351722   | 351925   | 0.15   | cps   |
| Manganese  | 55-2  | 7369     | 7445     | 8182     | 7665     | 5.86   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-30-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:11:26  | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 492      | 667      | 475      | 544      | 19.50  | cps   |
| Molybdenum | 95-1  | 383      | 308      | 325      | 339      | 11.62  | cps   |
| Molybdenum | 96-1  | 383      | 450      | 417      | 417      | 8.00   | cps   |
| Molybdenum | 97-1  | 308      | 208      | 175      | 231      | 30.10  | cps   |
| Molybdenum | 98-1  | 550      | 642      | 492      | 561      | 13.48  | cps   |
| Neodymium  | 150-1 | 33       | 20       | 47       | 33       | 40.01  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 17       | 9        | 78.08  | cps   |
| Nickel     | 60-2  | 1290     | 1327     | 1490     | 1369     | 7.78   | cps   |
| Phosphorus | 31-2  | 6243     | 6110     | 5801     | 6051     | 3.75   | cps   |
| Potassium  | 39-2  | 208067   | 211860   | 210440   | 210122   | 0.91   | cps   |
| Rhodium    | 103-1 | 10597698 | 10842884 | 10692238 | 10710940 | 1.15   | cps   |
| Rhodium    | 103-2 | 6231925  | 6237551  | 6302150  | 6257209  | 0.62   | cps   |
| Scandium   | 45-1  | 5703608  | 5721062  | 5699299  | 5707990  | 0.20   | cps   |
| Scandium   | 45-2  | 336950   | 336796   | 335510   | 336419   | 0.23   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 106      | 130      | 131      | 122      | 11.83  | cps   |
| Selenium   | 82-1  | 315      | 168      | 223      | 235      | 31.75  | cps   |
| Silicon    | 28-1  | 6058845  | 6014124  | 6010377  | 6027782  | 0.45   | cps   |
| Silver     | 109-1 | 267      | 300      | 283      | 283      | 5.88   | cps   |
| Silver     | 107-1 | 367      | 300      | 342      | 336      | 10.02  | cps   |
| Sodium     | 23-2  | 6380394  | 6410242  | 6325502  | 6372046  | 0.67   | cps   |
| Strontium  | 86-1  | 73078    | 73103    | 71972    | 72717    | 0.89   | cps   |
| Strontium  | 88-1  | 627267   | 629467   | 634729   | 630488   | 0.61   | cps   |
| Sulfur     | 34-1  | 421424   | 423638   | 418766   | 421276   | 0.58   | cps   |
| Terbium    | 159-1 | 14807494 | 14690244 | 14853931 | 14783890 | 0.57   | cps   |
| Terbium    | 159-2 | 9188248  | 9183806  | 9130165  | 9167406  | 0.35   | cps   |
| Thallium   | 203-1 | 267      | 317      | 308      | 297      | 9.01   | cps   |
| Thallium   | 205-1 | 792      | 800      | 692      | 761      | 7.92   | cps   |
| Tin        | 118-1 | 1183     | 1358     | 1183     | 1242     | 8.14   | cps   |
| Titanium   | 47-1  | 700      | 767      | 608      | 692      | 11.49  | cps   |
| Uranium    | 238-1 | 158      | 92       | 192      | 147      | 34.59  | cps   |
| Vanadium   | 51-2  | 217      | 157      | 190      | 188      | 16.01  | cps   |
| Yttrium    | 89-1  | 11526686 | 11489935 | 11464389 | 11493670 | 0.27   | cps   |
| Yttrium    | 89-2  | 1946382  | 1941678  | 1953422  | 1947161  | 0.30   | cps   |
| Zinc       | 66-2  | 3537     | 3584     | 3594     | 3572     | 0.85   | cps   |
| Zirconium  | 90-1  | 917      | 842      | 1100     | 953      | 13.95  | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-30             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-30-FL1-H-W2-WC | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:11:26  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 158  | 167  | 189     | 24.30  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217      | 133      | 158      | 169      | 25.24  | cps   |
| Antimony   | 121-1 | 125      | 100      | 142      | 122      | 17.16  | cps   |
| Arsenic    | 75-2  | 19       | 6        | 7        | 10       | 66.78  | cps   |
| Barium     | 135-1 | 33       | 75       | 17       | 42       | 72.11  | cps   |
| Barium     | 137-1 | 83       | 50       | 67       | 67       | 25.00  | cps   |
| Beryllium  | 9-1   | 11       | 6        | 28       | 15       | 78.05  | cps   |
| Bismuth    | 209-1 | 9332853  | 9377513  | 9391937  | 9367434  | 0.33   | cps   |
| Bismuth    | 209-2 | 6226364  | 6155156  | 6105175  | 6162232  | 0.99   | cps   |
| Boron      | 10-1  | 75       | 108      | 75       | 86       | 22.35  | cps   |
| Boron      | 11-1  | 625      | 583      | 433      | 547      | 18.42  | cps   |
| Cadmium    | 111-1 | 2578     | 2782     | 2836     | 2732     | 4.97   | cps   |
| Cadmium    | 106-1 | 3684     | 3976     | 4042     | 3901     | 4.89   | cps   |
| Cadmium    | 108-1 | 13       | 25       | 21       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 1117     | 1108     | 1150     | 1125     | 1.96   | cps   |
| Calcium    | 44-1  | 39621    | 40290    | 39571    | 39827    | 1.01   | cps   |
| Chromium   | 52-2  | 2584     | 2417     | 2484     | 2495     | 3.36   | cps   |
| Cobalt     | 59-2  | 107      | 107      | 97       | 103      | 5.59   | cps   |
| Copper     | 63-2  | 1880     | 1763     | 1783     | 1809     | 3.45   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 7        | 10       | 3        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 17       | 50       | 58       | 42       | 52.91  | cps   |
| Erbium     | 164-2 | 40       | 23       | 27       | 30       | 29.40  | cps   |
| Gadolinium | 160-1 | 92       | 158      | 142      | 131      | 26.57  | cps   |
| Gadolinium | 160-2 | 130      | 153      | 143      | 142      | 8.23   | cps   |
| Holmium    | 165-1 | 14108276 | 14193451 | 14243643 | 14181790 | 0.48   | cps   |
| Holmium    | 165-2 | 9154446  | 9025083  | 8943891  | 9041140  | 1.17   | cps   |
| Indium     | 115-1 | 11815111 | 11747651 | 11703895 | 11755552 | 0.48   | cps   |
| Indium     | 115-2 | 2636882  | 2625886  | 2602917  | 2621895  | 0.66   | cps   |
| Iron       | 56-2  | 7914     | 8114     | 7641     | 7889     | 3.01   | cps   |
| Iron       | 57-2  | 417      | 394      | 350      | 387      | 8.77   | cps   |
| Lead       | 206-1 | 5645058  | 5698809  | 5637145  | 5660337  | 0.59   | cps   |
| Lead       | 207-1 | 5105306  | 5146463  | 5060365  | 5104044  | 0.84   | cps   |
| Lead       | 208-1 | 24864675 | 24864276 | 24616700 | 24781884 | 0.58   | cps   |
| Lithium    | 6-1   | 356752   | 365581   | 362834   | 361722   | 1.25   | cps   |
| Magnesium  | 24-2  | 233      | 242      | 158      | 211      | 21.74  | cps   |
| Manganese  | 55-2  | 90       | 80       | 67       | 79       | 14.84  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 267      | 283      | 267      | 272      | 3.54   | cps   |
| Molybdenum | 95-1  | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Molybdenum | 96-1  | 75       | 117      | 150      | 114      | 33.00  | cps   |
| Molybdenum | 97-1  | 25       | 42       | 25       | 31       | 31.50  | cps   |
| Molybdenum | 98-1  | 42       | 42       | 42       | 42       | 0.00   | cps   |
| Neodymium  | 150-1 | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 120      | 103      | 113      | 112      | 7.47   | cps   |
| Phosphorus | 31-2  | 225      | 400      | 217      | 281      | 36.90  | cps   |
| Potassium  | 39-2  | 51515    | 52168    | 51725    | 51803    | 0.64   | cps   |
| Rhodium    | 103-1 | 10710212 | 10795932 | 10855465 | 10787203 | 0.68   | cps   |
| Rhodium    | 103-2 | 6256090  | 6194291  | 6157370  | 6202583  | 0.80   | cps   |
| Scandium   | 45-1  | 5674427  | 5642970  | 5617689  | 5645029  | 0.50   | cps   |
| Scandium   | 45-2  | 329193   | 334108   | 329286   | 330863   | 0.85   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 131      | 124      | 93       | 116      | 17.80  | cps   |
| Selenium   | 82-1  | 232      | 171      | 145      | 183      | 24.34  | cps   |
| Silicon    | 28-1  | 194726   | 194735   | 192973   | 194145   | 0.52   | cps   |
| Silver     | 109-1 | 83       | 117      | 75       | 92       | 24.05  | cps   |
| Silver     | 107-1 | 133      | 83       | 125      | 114      | 23.52  | cps   |
| Sodium     | 23-2  | 28445    | 28094    | 27142    | 27894    | 2.42   | cps   |
| Strontium  | 86-1  | 1150     | 1000     | 917      | 1022     | 11.57  | cps   |
| Strontium  | 88-1  | 908      | 692      | 592      | 731      | 22.16  | cps   |
| Sulfur     | 34-1  | 359044   | 356341   | 360639   | 358674   | 0.61   | cps   |
| Terbium    | 159-1 | 14633458 | 14603899 | 14766015 | 14667791 | 0.59   | cps   |
| Terbium    | 159-2 | 9085683  | 9108640  | 8988291  | 9060872  | 0.71   | cps   |
| Thallium   | 203-1 | 258      | 267      | 292      | 272      | 6.37   | cps   |
| Thallium   | 205-1 | 658      | 500      | 675      | 611      | 15.81  | cps   |
| Tin        | 118-1 | 892      | 983      | 850      | 908      | 7.51   | cps   |
| Titanium   | 47-1  | 167      | 150      | 250      | 189      | 28.36  | cps   |
| Uranium    | 238-1 | 42       | 83       | 58       | 61       | 34.32  | cps   |
| Vanadium   | 51-2  | 30       | 27       | 23       | 27       | 12.51  | cps   |
| Yttrium    | 89-1  | 11473099 | 11585778 | 11437342 | 11498740 | 0.67   | cps   |
| Yttrium    | 89-2  | 1929445  | 1919214  | 1903562  | 1917407  | 0.68   | cps   |
| Zinc       | 66-2  | 417      | 367      | 470      | 418      | 12.37  | cps   |
| Zirconium  | 90-1  | 750      | 725      | 600      | 692      | 11.62  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:14:50 | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 175  | 42   | 108     | 61.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 158      | 125      | 92       | 125      | 26.67  | cps   |
| Antimony   | 121-1 | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Arsenic    | 75-2  | 20       | 11       | 13       | 15       | 33.08  | cps   |
| Barium     | 135-1 | 50       | 42       | 67       | 53       | 24.12  | cps   |
| Barium     | 137-1 | 83       | 75       | 50       | 69       | 24.98  | cps   |
| Beryllium  | 9-1   | 11       | 28       | 17       | 19       | 45.83  | cps   |
| Bismuth    | 209-1 | 9324142  | 9415288  | 9375494  | 9371641  | 0.49   | cps   |
| Bismuth    | 209-2 | 6163455  | 6144306  | 6219891  | 6175884  | 0.64   | cps   |
| Boron      | 10-1  | 92       | 83       | 50       | 75       | 29.40  | cps   |
| Boron      | 11-1  | 267      | 408      | 300      | 325      | 22.79  | cps   |
| Cadmium    | 111-1 | 2859     | 2721     | 2616     | 2732     | 4.46   | cps   |
| Cadmium    | 106-1 | 4092     | 3884     | 3742     | 3906     | 4.51   | cps   |
| Cadmium    | 108-1 | 8        | 8        | 29       | 15       | 78.76  | cps   |
| Calcium    | 43-1  | 1308     | 1200     | 1233     | 1247     | 4.45   | cps   |
| Calcium    | 44-1  | 42771    | 44034    | 43607    | 43471    | 1.48   | cps   |
| Chromium   | 52-2  | 2347     | 2334     | 2440     | 2374     | 2.45   | cps   |
| Cobalt     | 59-2  | 50       | 70       | 63       | 61       | 16.66  | cps   |
| Copper     | 63-2  | 1713     | 1573     | 1700     | 1662     | 4.65   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Erbium     | 164-2 | 43       | 30       | 20       | 31       | 37.62  | cps   |
| Gadolinium | 160-1 | 92       | 83       | 158      | 111      | 37.00  | cps   |
| Gadolinium | 160-2 | 137      | 143      | 113      | 131      | 12.01  | cps   |
| Holmium    | 165-1 | 13873544 | 14217010 | 14179912 | 14090155 | 1.34   | cps   |
| Holmium    | 165-2 | 9110508  | 9063997  | 9017381  | 9063962  | 0.51   | cps   |
| Indium     | 115-1 | 11674063 | 11827738 | 11663119 | 11721640 | 0.79   | cps   |
| Indium     | 115-2 | 2620322  | 2603533  | 2639797  | 2621217  | 0.69   | cps   |
| Iron       | 56-2  | 7619     | 7397     | 7263     | 7426     | 2.42   | cps   |
| Iron       | 57-2  | 406      | 411      | 261      | 359      | 23.67  | cps   |
| Lead       | 206-1 | 1145     | 1261     | 1278     | 1228     | 5.92   | cps   |
| Lead       | 207-1 | 1100     | 1267     | 1156     | 1174     | 7.23   | cps   |
| Lead       | 208-1 | 4912     | 5184     | 4923     | 5006     | 3.08   | cps   |
| Lithium    | 6-1   | 363787   | 361037   | 353490   | 359438   | 1.48   | cps   |
| Magnesium  | 24-2  | 250      | 350      | 225      | 275      | 24.05  | cps   |
| Manganese  | 55-2  | 87       | 120      | 83       | 97       | 20.98  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 217      | 233      | 217      | 222      | 4.33   | cps   |
| Molybdenum | 95-1  | 33       | 58       | 25       | 39       | 44.62  | cps   |
| Molybdenum | 96-1  | 142      | 92       | 92       | 108      | 26.65  | cps   |
| Molybdenum | 97-1  | 83       | 17       | 50       | 50       | 66.67  | cps   |
| Molybdenum | 98-1  | 25       | 75       | 42       | 47       | 53.91  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 100      | 77       | 117      | 98       | 20.55  | cps   |
| Phosphorus | 31-2  | 333      | 242      | 267      | 281      | 16.89  | cps   |
| Potassium  | 39-2  | 51072    | 52561    | 50654    | 51429    | 1.95   | cps   |
| Rhodium    | 103-1 | 10825715 | 10868987 | 10803665 | 10832789 | 0.31   | cps   |
| Rhodium    | 103-2 | 6247869  | 6236593  | 6299956  | 6261473  | 0.54   | cps   |
| Scandium   | 45-1  | 5644766  | 5632779  | 5651361  | 5642969  | 0.17   | cps   |
| Scandium   | 45-2  | 335906   | 331719   | 332754   | 333459   | 0.65   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 130      | 119      | 102      | 117      | 11.98  | cps   |
| Selenium   | 82-1  | 268      | 218      | 176      | 221      | 20.94  | cps   |
| Silicon    | 28-1  | 184052   | 182409   | 185747   | 184069   | 0.91   | cps   |
| Silver     | 109-1 | 142      | 67       | 117      | 108      | 35.25  | cps   |
| Silver     | 107-1 | 125      | 142      | 83       | 117      | 25.75  | cps   |
| Sodium     | 23-2  | 29664    | 28595    | 29521    | 29260    | 1.98   | cps   |
| Strontium  | 86-1  | 1158     | 942      | 1042     | 1047     | 10.36  | cps   |
| Strontium  | 88-1  | 683      | 792      | 725      | 733      | 7.45   | cps   |
| Sulfur     | 34-1  | 359079   | 356714   | 357672   | 357822   | 0.33   | cps   |
| Terbium    | 159-1 | 14682473 | 14702983 | 14697018 | 14694158 | 0.07   | cps   |
| Terbium    | 159-2 | 9082361  | 9073907  | 9251671  | 9135980  | 1.10   | cps   |
| Thallium   | 203-1 | 117      | 150      | 175      | 147      | 19.88  | cps   |
| Thallium   | 205-1 | 425      | 375      | 400      | 400      | 6.25   | cps   |
| Tin        | 118-1 | 1042     | 1017     | 1100     | 1053     | 4.06   | cps   |
| Titanium   | 47-1  | 125      | 158      | 158      | 147      | 13.07  | cps   |
| Uranium    | 238-1 | 75       | 50       | 50       | 58       | 24.74  | cps   |
| Vanadium   | 51-2  | 37       | 17       | 17       | 23       | 49.48  | cps   |
| Yttrium    | 89-1  | 11523451 | 11319723 | 11619636 | 11487603 | 1.33   | cps   |
| Yttrium    | 89-2  | 1923202  | 1922999  | 1930019  | 1925407  | 0.21   | cps   |
| Zinc       | 66-2  | 1123     | 1270     | 1220     | 1205     | 6.19   | cps   |
| Zirconium  | 90-1  | 467      | 617      | 658      | 581      | 17.36  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB06               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB06               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:18:15 | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 183  | 142  | 142  | 156     | 15.47  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-31-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:21:41  | DataFile Name :   | 102SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3100     | 3251     | 3217     | 3189     | 2.47   | cps   |
| Antimony   | 121-1 | 3492     | 3609     | 3601     | 3567     | 1.83   | cps   |
| Arsenic    | 75-2  | 217      | 187      | 209      | 204      | 7.55   | cps   |
| Barium     | 135-1 | 49263    | 49431    | 48168    | 48954    | 1.40   | cps   |
| Barium     | 137-1 | 84742    | 84775    | 83912    | 84476    | 0.58   | cps   |
| Beryllium  | 9-1   | 11       | 11       | 17       | 13       | 24.76  | cps   |
| Bismuth    | 209-1 | 9357252  | 9407845  | 9368916  | 9378004  | 0.28   | cps   |
| Bismuth    | 209-2 | 6070015  | 6109354  | 6090919  | 6090096  | 0.32   | cps   |
| Boron      | 10-1  | 667      | 475      | 592      | 578      | 16.72  | cps   |
| Boron      | 11-1  | 2609     | 2467     | 3009     | 2695     | 10.43  | cps   |
| Cadmium    | 111-1 | 2885     | 2903     | 2998     | 2929     | 2.09   | cps   |
| Cadmium    | 106-1 | 4109     | 4117     | 4259     | 4162     | 2.03   | cps   |
| Cadmium    | 108-1 | 42       | 13       | 29       | 28       | 52.68  | cps   |
| Calcium    | 43-1  | 171282   | 170067   | 170338   | 170562   | 0.37   | cps   |
| Calcium    | 44-1  | 2799781  | 2780225  | 2766624  | 2782210  | 0.60   | cps   |
| Chromium   | 52-2  | 3537     | 3631     | 3664     | 3611     | 1.82   | cps   |
| Cobalt     | 59-2  | 253      | 223      | 230      | 236      | 6.69   | cps   |
| Copper     | 63-2  | 517297   | 519219   | 516806   | 517774   | 0.25   | cps   |
| Dysprosium | 156-1 | 117      | 117      | 67       | 100      | 28.87  | cps   |
| Dysprosium | 156-2 | 20       | 50       | 47       | 39       | 42.28  | cps   |
| Erbium     | 164-1 | 92       | 92       | 192      | 125      | 46.19  | cps   |
| Erbium     | 164-2 | 70       | 57       | 53       | 60       | 14.70  | cps   |
| Gadolinium | 160-1 | 250      | 167      | 150      | 189      | 28.36  | cps   |
| Gadolinium | 160-2 | 170      | 193      | 240      | 201      | 17.72  | cps   |
| Holmium    | 165-1 | 14232719 | 14130989 | 14000433 | 14121381 | 0.82   | cps   |
| Holmium    | 165-2 | 9064955  | 8948404  | 9058812  | 9024057  | 0.73   | cps   |
| Indium     | 115-1 | 11658954 | 11708062 | 11690817 | 11685944 | 0.21   | cps   |
| Indium     | 115-2 | 2583022  | 2631110  | 2605973  | 2606702  | 0.92   | cps   |
| Iron       | 56-2  | 98468    | 99671    | 99473    | 99204    | 0.65   | cps   |
| Iron       | 57-2  | 3028     | 3584     | 3173     | 3262     | 8.84   | cps   |
| Lead       | 206-1 | 4379     | 4518     | 4440     | 4445     | 1.57   | cps   |
| Lead       | 207-1 | 3506     | 3601     | 3573     | 3560     | 1.36   | cps   |
| Lead       | 208-1 | 16799    | 16960    | 17066    | 16942    | 0.79   | cps   |
| Lithium    | 6-1   | 357885   | 355993   | 354952   | 356277   | 0.42   | cps   |
| Magnesium  | 24-2  | 352220   | 348970   | 353210   | 351467   | 0.63   | cps   |
| Manganese  | 55-2  | 37043    | 37986    | 37444    | 37491    | 1.26   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-31 Instrumnet Name : P7  
 Client Sample ID : DC747-31-FL1-BRS1-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:21:41 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 667      | 750      | 500      | 639      | 19.92  | cps   |
| Molybdenum | 95-1  | 217      | 375      | 258      | 283      | 28.97  | cps   |
| Molybdenum | 96-1  | 375      | 408      | 475      | 419      | 12.14  | cps   |
| Molybdenum | 97-1  | 242      | 92       | 200      | 178      | 43.55  | cps   |
| Molybdenum | 98-1  | 358      | 375      | 358      | 364      | 2.64   | cps   |
| Neodymium  | 150-1 | 47       | 80       | 93       | 73       | 32.78  | cps   |
| Neodymium  | 150-2 | 37       | 33       | 47       | 39       | 17.85  | cps   |
| Nickel     | 60-2  | 1310     | 1230     | 1263     | 1268     | 3.17   | cps   |
| Phosphorus | 31-2  | 5768     | 5676     | 5568     | 5671     | 1.77   | cps   |
| Potassium  | 39-2  | 202800   | 207692   | 204618   | 205037   | 1.21   | cps   |
| Rhodium    | 103-1 | 10701277 | 10742784 | 10585984 | 10676681 | 0.76   | cps   |
| Rhodium    | 103-2 | 6182318  | 6224466  | 6164932  | 6190572  | 0.49   | cps   |
| Scandium   | 45-1  | 5692547  | 5593243  | 5638338  | 5641376  | 0.88   | cps   |
| Scandium   | 45-2  | 326545   | 333103   | 331805   | 330484   | 1.05   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 131      | 115      | 131      | 126      | 7.64   | cps   |
| Selenium   | 82-1  | 174      | 80       | 226      | 160      | 46.25  | cps   |
| Silicon    | 28-1  | 5794759  | 5746639  | 5887808  | 5809735  | 1.24   | cps   |
| Silver     | 109-1 | 133      | 83       | 133      | 117      | 24.74  | cps   |
| Silver     | 107-1 | 142      | 108      | 208      | 153      | 33.33  | cps   |
| Sodium     | 23-2  | 6264039  | 6281416  | 6248300  | 6264585  | 0.26   | cps   |
| Strontium  | 86-1  | 76312    | 74989    | 74284    | 75195    | 1.37   | cps   |
| Strontium  | 88-1  | 664020   | 660997   | 658774   | 661264   | 0.40   | cps   |
| Sulfur     | 34-1  | 412609   | 415351   | 412384   | 413448   | 0.40   | cps   |
| Terbium    | 159-1 | 14547404 | 14696972 | 14716955 | 14653777 | 0.63   | cps   |
| Terbium    | 159-2 | 9104661  | 9096477  | 9012577  | 9071238  | 0.56   | cps   |
| Thallium   | 203-1 | 292      | 300      | 300      | 297      | 1.62   | cps   |
| Thallium   | 205-1 | 633      | 558      | 825      | 672      | 20.46  | cps   |
| Tin        | 118-1 | 1667     | 1467     | 1725     | 1620     | 8.37   | cps   |
| Titanium   | 47-1  | 1176     | 1175     | 917      | 1089     | 13.71  | cps   |
| Uranium    | 238-1 | 525      | 650      | 633      | 603      | 11.26  | cps   |
| Vanadium   | 51-2  | 277      | 257      | 260      | 264      | 4.05   | cps   |
| Yttrium    | 89-1  | 11585184 | 11406875 | 11361793 | 11451284 | 1.03   | cps   |
| Yttrium    | 89-2  | 1925636  | 1921199  | 1921425  | 1922753  | 0.13   | cps   |
| Zinc       | 66-2  | 13667    | 13947    | 13853    | 13822    | 1.03   | cps   |
| Zirconium  | 90-1  | 1183     | 1017     | 1325     | 1175     | 13.14  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-31             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-31-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:21:41  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 242  | 250  | 300  | 264     | 11.96  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-32-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:25:06  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1767     | 2694     | 1842     | 2101     | 24.52  | cps   |
| Antimony   | 121-1 | 725      | 758      | 692      | 725      | 4.60   | cps   |
| Arsenic    | 75-2  | 180      | 187      | 176      | 181      | 3.13   | cps   |
| Barium     | 135-1 | 47792    | 47641    | 47482    | 47638    | 0.32   | cps   |
| Barium     | 137-1 | 81465    | 81707    | 81095    | 81423    | 0.38   | cps   |
| Beryllium  | 9-1   | 17       | 6        | 11       | 11       | 49.99  | cps   |
| Bismuth    | 209-1 | 9338767  | 9348794  | 9434673  | 9374078  | 0.56   | cps   |
| Bismuth    | 209-2 | 6130413  | 6094842  | 6113176  | 6112810  | 0.29   | cps   |
| Boron      | 10-1  | 575      | 508      | 567      | 550      | 6.61   | cps   |
| Boron      | 11-1  | 3009     | 2842     | 3025     | 2959     | 3.43   | cps   |
| Cadmium    | 111-1 | 2833     | 2980     | 2796     | 2870     | 3.38   | cps   |
| Cadmium    | 106-1 | 4009     | 4267     | 3959     | 4079     | 4.06   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 13       | 17       | 24.99  | cps   |
| Calcium    | 43-1  | 167035   | 169141   | 167591   | 167923   | 0.65   | cps   |
| Calcium    | 44-1  | 2749757  | 2776623  | 2761591  | 2762657  | 0.49   | cps   |
| Chromium   | 52-2  | 4054     | 3827     | 4021     | 3967     | 3.09   | cps   |
| Cobalt     | 59-2  | 190      | 190      | 283      | 221      | 24.37  | cps   |
| Copper     | 63-2  | 241614   | 239786   | 240040   | 240480   | 0.41   | cps   |
| Dysprosium | 156-1 | 83       | 67       | 50       | 67       | 25.00  | cps   |
| Dysprosium | 156-2 | 37       | 43       | 43       | 41       | 9.35   | cps   |
| Erbium     | 164-1 | 150      | 125      | 83       | 119      | 28.20  | cps   |
| Erbium     | 164-2 | 67       | 67       | 57       | 63       | 9.12   | cps   |
| Gadolinium | 160-1 | 158      | 150      | 233      | 181      | 25.42  | cps   |
| Gadolinium | 160-2 | 187      | 223      | 277      | 229      | 19.77  | cps   |
| Holmium    | 165-1 | 14278626 | 14047585 | 14209354 | 14178522 | 0.84   | cps   |
| Holmium    | 165-2 | 9148930  | 9049025  | 9028397  | 9075450  | 0.71   | cps   |
| Indium     | 115-1 | 11751340 | 11712141 | 11650884 | 11704789 | 0.43   | cps   |
| Indium     | 115-2 | 2597281  | 2630698  | 2599192  | 2609057  | 0.72   | cps   |
| Iron       | 56-2  | 99791    | 100245   | 99159    | 99731    | 0.55   | cps   |
| Iron       | 57-2  | 3017     | 3028     | 2950     | 2999     | 1.40   | cps   |
| Lead       | 206-1 | 2072     | 2078     | 2278     | 2143     | 5.47   | cps   |
| Lead       | 207-1 | 1872     | 1611     | 1872     | 1785     | 8.45   | cps   |
| Lead       | 208-1 | 8390     | 8040     | 8468     | 8299     | 2.75   | cps   |
| Lithium    | 6-1   | 348259   | 354244   | 353522   | 352008   | 0.93   | cps   |
| Magnesium  | 24-2  | 342520   | 340276   | 345923   | 342906   | 0.83   | cps   |
| Manganese  | 55-2  | 36699    | 36823    | 36392    | 36638    | 0.61   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-32-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:25:06  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 500      | 567      | 556      | 9.17   | cps   |
| Molybdenum | 95-1  | 233      | 258      | 258      | 250      | 5.77   | cps   |
| Molybdenum | 96-1  | 475      | 425      | 342      | 414      | 16.27  | cps   |
| Molybdenum | 97-1  | 233      | 175      | 117      | 175      | 33.34  | cps   |
| Molybdenum | 98-1  | 450      | 483      | 450      | 461      | 4.17   | cps   |
| Neodymium  | 150-1 | 47       | 147      | 33       | 76       | 81.99  | cps   |
| Neodymium  | 150-2 | 37       | 23       | 33       | 31       | 22.31  | cps   |
| Nickel     | 60-2  | 663      | 720      | 590      | 658      | 9.91   | cps   |
| Phosphorus | 31-2  | 5351     | 6210     | 5868     | 5810     | 7.44   | cps   |
| Potassium  | 39-2  | 204963   | 203267   | 203063   | 203764   | 0.51   | cps   |
| Rhodium    | 103-1 | 10733630 | 10703116 | 10761813 | 10732853 | 0.27   | cps   |
| Rhodium    | 103-2 | 6199207  | 6160441  | 6159461  | 6173037  | 0.37   | cps   |
| Scandium   | 45-1  | 5656684  | 5648872  | 5623842  | 5643133  | 0.30   | cps   |
| Scandium   | 45-2  | 330108   | 330285   | 328456   | 329616   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 119      | 141      | 104      | 121      | 15.40  | cps   |
| Selenium   | 82-1  | 226      | 233      | 270      | 243      | 9.72   | cps   |
| Silicon    | 28-1  | 5685266  | 5662910  | 5736654  | 5694943  | 0.66   | cps   |
| Silver     | 109-1 | 100      | 83       | 142      | 108      | 27.73  | cps   |
| Silver     | 107-1 | 125      | 158      | 175      | 153      | 16.66  | cps   |
| Sodium     | 23-2  | 6205137  | 6107234  | 6191901  | 6168091  | 0.86   | cps   |
| Strontium  | 86-1  | 76144    | 77015    | 75984    | 76381    | 0.73   | cps   |
| Strontium  | 88-1  | 650433   | 650863   | 655556   | 652284   | 0.44   | cps   |
| Sulfur     | 34-1  | 413310   | 411385   | 411363   | 412019   | 0.27   | cps   |
| Terbium    | 159-1 | 14736568 | 14688271 | 14732262 | 14719034 | 0.18   | cps   |
| Terbium    | 159-2 | 9029493  | 9016058  | 9020437  | 9021996  | 0.08   | cps   |
| Thallium   | 203-1 | 383      | 192      | 342      | 306      | 32.99  | cps   |
| Thallium   | 205-1 | 658      | 600      | 692      | 650      | 7.14   | cps   |
| Tin        | 118-1 | 1492     | 1458     | 1367     | 1439     | 4.50   | cps   |
| Titanium   | 47-1  | 900      | 2235     | 808      | 1314     | 60.74  | cps   |
| Uranium    | 238-1 | 575      | 550      | 758      | 628      | 18.12  | cps   |
| Vanadium   | 51-2  | 250      | 257      | 277      | 261      | 5.31   | cps   |
| Yttrium    | 89-1  | 11565874 | 11446539 | 11529336 | 11513916 | 0.53   | cps   |
| Yttrium    | 89-2  | 1901121  | 1907743  | 1922758  | 1910541  | 0.58   | cps   |
| Zinc       | 66-2  | 6041     | 5978     | 6141     | 6054     | 1.36   | cps   |
| Zirconium  | 90-1  | 1333     | 1083     | 1233     | 1217     | 10.34  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-32             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-32-FL1-BRS1-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:25:06  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 300  | 283  | 264     | 18.50  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-33 Instrumnet Name : P7  
 Client Sample ID : DC747-33-FL1-BRS2-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:28:31 DataFile Name : 104SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2292     | 2542     | 2517     | 2450     | 5.62   | cps   |
| Antimony   | 121-1 | 3084     | 2459     | 2550     | 2698     | 12.51  | cps   |
| Arsenic    | 75-2  | 196      | 204      | 174      | 191      | 8.06   | cps   |
| Barium     | 135-1 | 50593    | 50251    | 49656    | 50167    | 0.95   | cps   |
| Barium     | 137-1 | 88238    | 88180    | 87233    | 87884    | 0.64   | cps   |
| Beryllium  | 9-1   | 22       | 17       | 17       | 19       | 17.30  | cps   |
| Bismuth    | 209-1 | 9484141  | 9434822  | 9306017  | 9408327  | 0.98   | cps   |
| Bismuth    | 209-2 | 6166998  | 6146220  | 6168392  | 6160537  | 0.20   | cps   |
| Boron      | 10-1  | 442      | 600      | 558      | 533      | 15.39  | cps   |
| Boron      | 11-1  | 2817     | 3150     | 2700     | 2889     | 8.08   | cps   |
| Cadmium    | 111-1 | 2980     | 2700     | 2771     | 2817     | 5.17   | cps   |
| Cadmium    | 106-1 | 4251     | 3817     | 3926     | 3998     | 5.64   | cps   |
| Cadmium    | 108-1 | 29       | 8        | 8        | 15       | 78.76  | cps   |
| Calcium    | 43-1  | 171096   | 170668   | 170524   | 170763   | 0.17   | cps   |
| Calcium    | 44-1  | 2779027  | 2810130  | 2799935  | 2796364  | 0.57   | cps   |
| Chromium   | 52-2  | 3604     | 3397     | 3494     | 3498     | 2.96   | cps   |
| Cobalt     | 59-2  | 277      | 280      | 213      | 257      | 14.64  | cps   |
| Copper     | 63-2  | 809983   | 813714   | 813076   | 812258   | 0.25   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 75       | 33       | 108.97 | cps   |
| Dysprosium | 156-2 | 37       | 50       | 47       | 44       | 15.61  | cps   |
| Erbium     | 164-1 | 100      | 83       | 67       | 83       | 20.00  | cps   |
| Erbium     | 164-2 | 67       | 40       | 57       | 54       | 24.75  | cps   |
| Gadolinium | 160-1 | 217      | 142      | 167      | 175      | 21.82  | cps   |
| Gadolinium | 160-2 | 293      | 183      | 183      | 220      | 28.87  | cps   |
| Holmium    | 165-1 | 14142654 | 14321985 | 14213788 | 14226143 | 0.63   | cps   |
| Holmium    | 165-2 | 9114404  | 9070800  | 9076104  | 9087103  | 0.26   | cps   |
| Indium     | 115-1 | 11915867 | 11834293 | 11770972 | 11840378 | 0.61   | cps   |
| Indium     | 115-2 | 2632315  | 2629546  | 2626258  | 2629373  | 0.12   | cps   |
| Iron       | 56-2  | 98015    | 97200    | 99042    | 98086    | 0.94   | cps   |
| Iron       | 57-2  | 3473     | 3128     | 3150     | 3251     | 5.94   | cps   |
| Lead       | 206-1 | 5451     | 5312     | 5462     | 5409     | 1.55   | cps   |
| Lead       | 207-1 | 4445     | 4745     | 4440     | 4544     | 3.85   | cps   |
| Lead       | 208-1 | 21074    | 21040    | 20796    | 20970    | 0.72   | cps   |
| Lithium    | 6-1   | 353907   | 355097   | 354616   | 354540   | 0.17   | cps   |
| Magnesium  | 24-2  | 348292   | 357976   | 351789   | 352686   | 1.39   | cps   |
| Manganese  | 55-2  | 38360    | 38778    | 38574    | 38571    | 0.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-33-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:28:31  | DataFile Name :   | 104SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 550      | 550      | 617      | 572      | 6.73   | cps   |
| Molybdenum | 95-1  | 383      | 325      | 142      | 283      | 44.51  | cps   |
| Molybdenum | 96-1  | 458      | 292      | 375      | 375      | 22.22  | cps   |
| Molybdenum | 97-1  | 108      | 92       | 158      | 119      | 29.05  | cps   |
| Molybdenum | 98-1  | 425      | 383      | 450      | 419      | 8.03   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 47       | 49       | 20.83  | cps   |
| Neodymium  | 150-2 | 37       | 27       | 30       | 31       | 16.37  | cps   |
| Nickel     | 60-2  | 1173     | 1367     | 1257     | 1266     | 7.66   | cps   |
| Phosphorus | 31-2  | 5751     | 5935     | 5218     | 5635     | 6.61   | cps   |
| Potassium  | 39-2  | 205597   | 207116   | 206957   | 206556   | 0.40   | cps   |
| Rhodium    | 103-1 | 10898770 | 10751112 | 10750705 | 10800196 | 0.79   | cps   |
| Rhodium    | 103-2 | 6257318  | 6254992  | 6255478  | 6255929  | 0.02   | cps   |
| Scandium   | 45-1  | 5642942  | 5706075  | 5678142  | 5675720  | 0.56   | cps   |
| Scandium   | 45-2  | 331897   | 333284   | 334088   | 333090   | 0.33   | cps   |
| Selenium   | 77-2  | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 120      | 119      | 122      | 120      | 1.54   | cps   |
| Selenium   | 82-1  | 324      | 181      | 333      | 279      | 30.58  | cps   |
| Silicon    | 28-1  | 5689729  | 5696012  | 5699495  | 5695079  | 0.09   | cps   |
| Silver     | 109-1 | 183      | 158      | 167      | 169      | 7.51   | cps   |
| Silver     | 107-1 | 217      | 275      | 242      | 244      | 11.97  | cps   |
| Sodium     | 23-2  | 6228376  | 6254251  | 6307777  | 6263468  | 0.65   | cps   |
| Strontium  | 86-1  | 76002    | 75684    | 76396    | 76027    | 0.47   | cps   |
| Strontium  | 88-1  | 668984   | 667121   | 658520   | 664875   | 0.84   | cps   |
| Sulfur     | 34-1  | 410868   | 409322   | 406777   | 408989   | 0.51   | cps   |
| Terbium    | 159-1 | 14858315 | 14794700 | 14730401 | 14794472 | 0.43   | cps   |
| Terbium    | 159-2 | 9126749  | 9205732  | 9113350  | 9148610  | 0.55   | cps   |
| Thallium   | 203-1 | 292      | 267      | 400      | 319      | 22.19  | cps   |
| Thallium   | 205-1 | 733      | 817      | 850      | 800      | 7.51   | cps   |
| Tin        | 118-1 | 1550     | 1709     | 1675     | 1645     | 5.08   | cps   |
| Titanium   | 47-1  | 942      | 958      | 917      | 939      | 2.24   | cps   |
| Uranium    | 238-1 | 467      | 683      | 600      | 583      | 18.74  | cps   |
| Vanadium   | 51-2  | 280      | 267      | 287      | 278      | 3.67   | cps   |
| Yttrium    | 89-1  | 11479627 | 11389844 | 11458786 | 11442752 | 0.41   | cps   |
| Yttrium    | 89-2  | 1937270  | 1929149  | 1941302  | 1935907  | 0.32   | cps   |
| Zinc       | 66-2  | 36041    | 35627    | 35410    | 35693    | 0.90   | cps   |
| Zirconium  | 90-1  | 1158     | 1275     | 1158     | 1197     | 5.63   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-33             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-33-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:28:31  | DataFile Name :   | 104SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 217  | 233  | 225  | 225     | 3.70   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-34 Instrumnet Name : P7  
 Client Sample ID : DC747-34-FL1-BRS2-W3 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:31:56 DataFile Name : 105SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1583     | 1800     | 1950     | 1778     | 10.37  | cps   |
| Antimony   | 121-1 | 900      | 850      | 850      | 867      | 3.33   | cps   |
| Arsenic    | 75-2  | 219      | 198      | 176      | 198      | 10.78  | cps   |
| Barium     | 135-1 | 47557    | 48378    | 48276    | 48070    | 0.93   | cps   |
| Barium     | 137-1 | 84952    | 83031    | 83425    | 83803    | 1.21   | cps   |
| Beryllium  | 9-1   | 17       | 6        | 0        | 7        | 114.54 | cps   |
| Bismuth    | 209-1 | 9582605  | 9531719  | 9445484  | 9519936  | 0.73   | cps   |
| Bismuth    | 209-2 | 6158603  | 6133843  | 6116301  | 6136249  | 0.35   | cps   |
| Boron      | 10-1  | 533      | 483      | 517      | 511      | 4.98   | cps   |
| Boron      | 11-1  | 2517     | 2859     | 2742     | 2706     | 6.42   | cps   |
| Cadmium    | 111-1 | 2833     | 2768     | 2737     | 2779     | 1.77   | cps   |
| Cadmium    | 106-1 | 4034     | 3934     | 3892     | 3954     | 1.84   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 13       | 11       | 57.27  | cps   |
| Calcium    | 43-1  | 171140   | 171090   | 171170   | 171133   | 0.02   | cps   |
| Calcium    | 44-1  | 2813020  | 2801363  | 2831257  | 2815213  | 0.54   | cps   |
| Chromium   | 52-2  | 3530     | 3367     | 3450     | 3449     | 2.37   | cps   |
| Cobalt     | 59-2  | 193      | 197      | 190      | 193      | 1.72   | cps   |
| Copper     | 63-2  | 156820   | 156083   | 156999   | 156634   | 0.31   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 58       | 81       | 31.60  | cps   |
| Dysprosium | 156-2 | 20       | 10       | 37       | 22       | 60.63  | cps   |
| Erbium     | 164-1 | 100      | 142      | 100      | 114      | 21.12  | cps   |
| Erbium     | 164-2 | 73       | 57       | 63       | 64       | 13.01  | cps   |
| Gadolinium | 160-1 | 208      | 267      | 183      | 219      | 19.49  | cps   |
| Gadolinium | 160-2 | 243      | 237      | 183      | 221      | 14.87  | cps   |
| Holmium    | 165-1 | 14352502 | 14437312 | 14409971 | 14399928 | 0.30   | cps   |
| Holmium    | 165-2 | 9093305  | 9149714  | 9057572  | 9100197  | 0.51   | cps   |
| Indium     | 115-1 | 11920830 | 11973639 | 11929292 | 11941254 | 0.24   | cps   |
| Indium     | 115-2 | 2629790  | 2621111  | 2620338  | 2623746  | 0.20   | cps   |
| Iron       | 56-2  | 104545   | 104329   | 104957   | 104610   | 0.30   | cps   |
| Iron       | 57-2  | 3495     | 3217     | 3623     | 3445     | 6.02   | cps   |
| Lead       | 206-1 | 3373     | 3028     | 3273     | 3225     | 5.50   | cps   |
| Lead       | 207-1 | 2784     | 2695     | 2695     | 2724     | 1.88   | cps   |
| Lead       | 208-1 | 12625    | 12275    | 12547    | 12482    | 1.47   | cps   |
| Lithium    | 6-1   | 355375   | 354773   | 356395   | 355514   | 0.23   | cps   |
| Magnesium  | 24-2  | 348634   | 346185   | 345044   | 346621   | 0.53   | cps   |
| Manganese  | 55-2  | 38163    | 37695    | 38083    | 37980    | 0.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-34-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:31:56  | DataFile Name :   | 105SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 733      | 458      | 508      | 567      | 25.85  | cps   |
| Molybdenum | 95-1  | 250      | 300      | 275      | 275      | 9.09   | cps   |
| Molybdenum | 96-1  | 442      | 433      | 467      | 447      | 3.88   | cps   |
| Molybdenum | 97-1  | 167      | 133      | 258      | 186      | 34.78  | cps   |
| Molybdenum | 98-1  | 450      | 433      | 467      | 450      | 3.70   | cps   |
| Neodymium  | 150-1 | 67       | 73       | 87       | 76       | 13.48  | cps   |
| Neodymium  | 150-2 | 23       | 30       | 20       | 24       | 20.83  | cps   |
| Nickel     | 60-2  | 910      | 770      | 917      | 866      | 9.57   | cps   |
| Phosphorus | 31-2  | 5593     | 5751     | 6026     | 5790     | 3.79   | cps   |
| Potassium  | 39-2  | 204678   | 203975   | 204035   | 204229   | 0.19   | cps   |
| Rhodium    | 103-1 | 10931959 | 10798774 | 10836426 | 10855720 | 0.63   | cps   |
| Rhodium    | 103-2 | 6282349  | 6259340  | 6243277  | 6261655  | 0.31   | cps   |
| Scandium   | 45-1  | 5722756  | 5708739  | 5724771  | 5718755  | 0.15   | cps   |
| Scandium   | 45-2  | 332651   | 329871   | 333700   | 332074   | 0.60   | cps   |
| Selenium   | 77-2  | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 143      | 150      | 102      | 131      | 19.72  | cps   |
| Selenium   | 82-1  | 164      | 289      | 323      | 259      | 32.41  | cps   |
| Silicon    | 28-1  | 5760136  | 5771111  | 5752406  | 5761218  | 0.16   | cps   |
| Silver     | 109-1 | 92       | 83       | 67       | 81       | 15.80  | cps   |
| Silver     | 107-1 | 183      | 150      | 158      | 164      | 10.58  | cps   |
| Sodium     | 23-2  | 6331936  | 6252109  | 6324942  | 6302996  | 0.70   | cps   |
| Strontium  | 86-1  | 77476    | 75842    | 77107    | 76808    | 1.12   | cps   |
| Strontium  | 88-1  | 666224   | 663671   | 666490   | 665462   | 0.23   | cps   |
| Sulfur     | 34-1  | 413375   | 405226   | 404434   | 407678   | 1.21   | cps   |
| Terbium    | 159-1 | 14990614 | 14814784 | 14939401 | 14914933 | 0.61   | cps   |
| Terbium    | 159-2 | 9129304  | 9179772  | 9090636  | 9133237  | 0.49   | cps   |
| Thallium   | 203-1 | 200      | 383      | 250      | 278      | 34.12  | cps   |
| Thallium   | 205-1 | 775      | 850      | 817      | 814      | 4.62   | cps   |
| Tin        | 118-1 | 1667     | 1617     | 1750     | 1678     | 4.02   | cps   |
| Titanium   | 47-1  | 983      | 900      | 925      | 936      | 4.57   | cps   |
| Uranium    | 238-1 | 517      | 567      | 592      | 558      | 6.84   | cps   |
| Vanadium   | 51-2  | 263      | 277      | 307      | 282      | 7.87   | cps   |
| Yttrium    | 89-1  | 11531919 | 11671839 | 11737596 | 11647118 | 0.90   | cps   |
| Yttrium    | 89-2  | 1926472  | 1921692  | 1929820  | 1925995  | 0.21   | cps   |
| Zinc       | 66-2  | 5888     | 6045     | 5728     | 5887     | 2.69   | cps   |
| Zirconium  | 90-1  | 1183     | 1217     | 1050     | 1150     | 7.67   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB89506              | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-34             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-34-FL1-BRS2-W3 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:31:56  | DataFile Name :   | 105SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 333  | 375  | 317  | 342     | 8.79   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4763-35 Instrumnet Name : P7  
 Client Sample ID : DC747-35-FL1-KI-W3-F1 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:35:21 DataFile Name : 106SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 21675    | 21191    | 21883    | 21583    | 1.65   | cps   |
| Antimony   | 121-1 | 49973    | 49655    | 47900    | 49176    | 2.27   | cps   |
| Arsenic    | 75-2  | 159      | 152      | 159      | 157      | 2.73   | cps   |
| Barium     | 135-1 | 60223    | 62340    | 60416    | 60993    | 1.92   | cps   |
| Barium     | 137-1 | 104502   | 105987   | 106096   | 105528   | 0.84   | cps   |
| Beryllium  | 9-1   | 11       | 33       | 6        | 17       | 88.17  | cps   |
| Bismuth    | 209-1 | 9632372  | 9529082  | 9563247  | 9574900  | 0.55   | cps   |
| Bismuth    | 209-2 | 6197093  | 6183572  | 6180124  | 6186930  | 0.14   | cps   |
| Boron      | 10-1  | 642      | 483      | 542      | 556      | 14.41  | cps   |
| Boron      | 11-1  | 3109     | 2609     | 3050     | 2923     | 9.36   | cps   |
| Cadmium    | 111-1 | 3378     | 3392     | 3437     | 3403     | 0.90   | cps   |
| Cadmium    | 106-1 | 4026     | 4026     | 4226     | 4092     | 2.82   | cps   |
| Cadmium    | 108-1 | 104      | 108      | 125      | 113      | 9.80   | cps   |
| Calcium    | 43-1  | 168212   | 164643   | 165957   | 166271   | 1.09   | cps   |
| Calcium    | 44-1  | 2732305  | 2734857  | 2738437  | 2735199  | 0.11   | cps   |
| Chromium   | 52-2  | 3184     | 3097     | 3224     | 3168     | 2.04   | cps   |
| Cobalt     | 59-2  | 1847     | 1900     | 1817     | 1855     | 2.28   | cps   |
| Copper     | 63-2  | 2277181  | 2272254  | 2252881  | 2267439  | 0.57   | cps   |
| Dysprosium | 156-1 | 25       | 33       | 58       | 39       | 44.62  | cps   |
| Dysprosium | 156-2 | 37       | 23       | 17       | 26       | 39.85  | cps   |
| Erbium     | 164-1 | 67       | 92       | 75       | 78       | 16.37  | cps   |
| Erbium     | 164-2 | 77       | 23       | 47       | 49       | 54.69  | cps   |
| Gadolinium | 160-1 | 167      | 133      | 225      | 175      | 26.51  | cps   |
| Gadolinium | 160-2 | 177      | 193      | 180      | 183      | 4.81   | cps   |
| Holmium    | 165-1 | 14499225 | 14556512 | 14417066 | 14490934 | 0.48   | cps   |
| Holmium    | 165-2 | 9266057  | 9191168  | 9109438  | 9188888  | 0.85   | cps   |
| Indium     | 115-1 | 11907256 | 11896517 | 11864795 | 11889523 | 0.19   | cps   |
| Indium     | 115-2 | 2649055  | 2643403  | 2637835  | 2643431  | 0.21   | cps   |
| Iron       | 56-2  | 88254    | 87343    | 87695    | 87764    | 0.52   | cps   |
| Iron       | 57-2  | 3084     | 2945     | 2862     | 2963     | 3.79   | cps   |
| Lead       | 206-1 | 31917    | 29823    | 30714    | 30818    | 3.41   | cps   |
| Lead       | 207-1 | 26560    | 27095    | 26583    | 26746    | 1.13   | cps   |
| Lead       | 208-1 | 123537   | 122032   | 120798   | 122122   | 1.12   | cps   |
| Lithium    | 6-1   | 361389   | 358804   | 357693   | 359295   | 0.53   | cps   |
| Magnesium  | 24-2  | 357958   | 364202   | 365736   | 362632   | 1.14   | cps   |
| Manganese  | 55-2  | 39085    | 39132    | 39293    | 39170    | 0.28   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-35-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:35:21   | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 550      | 683      | 600      | 611      | 11.02  | cps   |
| Molybdenum | 95-1  | 183      | 258      | 225      | 222      | 16.91  | cps   |
| Molybdenum | 96-1  | 350      | 292      | 342      | 328      | 9.62   | cps   |
| Molybdenum | 97-1  | 133      | 200      | 183      | 172      | 20.15  | cps   |
| Molybdenum | 98-1  | 558      | 467      | 375      | 467      | 19.64  | cps   |
| Neodymium  | 150-1 | 20       | 33       | 27       | 27       | 24.99  | cps   |
| Neodymium  | 150-2 | 23       | 0        | 30       | 18       | 88.61  | cps   |
| Nickel     | 60-2  | 201376   | 201999   | 199181   | 200852   | 0.74   | cps   |
| Phosphorus | 31-2  | 3751     | 3509     | 3559     | 3606     | 3.54   | cps   |
| Potassium  | 39-2  | 228440   | 228941   | 228949   | 228777   | 0.13   | cps   |
| Rhodium    | 103-1 | 10908258 | 10879166 | 10924330 | 10903918 | 0.21   | cps   |
| Rhodium    | 103-2 | 6298277  | 6271410  | 6233158  | 6267615  | 0.52   | cps   |
| Scandium   | 45-1  | 5778669  | 5719636  | 5806892  | 5768399  | 0.77   | cps   |
| Scandium   | 45-2  | 335050   | 336840   | 334981   | 335624   | 0.31   | cps   |
| Selenium   | 77-2  | 0        | 3        | 7        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 115      | 119      | 156      | 130      | 17.38  | cps   |
| Selenium   | 82-1  | 265      | 311      | 138      | 238      | 37.74  | cps   |
| Silicon    | 28-1  | 6725335  | 6662302  | 6716973  | 6701537  | 0.51   | cps   |
| Silver     | 109-1 | 142      | 158      | 200      | 167      | 18.03  | cps   |
| Silver     | 107-1 | 192      | 233      | 158      | 194      | 19.33  | cps   |
| Sodium     | 23-2  | 6345135  | 6401736  | 6388242  | 6378371  | 0.46   | cps   |
| Strontium  | 86-1  | 77418    | 77601    | 76940    | 77320    | 0.44   | cps   |
| Strontium  | 88-1  | 667723   | 677112   | 671762   | 672199   | 0.70   | cps   |
| Sulfur     | 34-1  | 411861   | 416978   | 412137   | 413658   | 0.70   | cps   |
| Terbium    | 159-1 | 14963668 | 15046189 | 15045169 | 15018342 | 0.32   | cps   |
| Terbium    | 159-2 | 9171229  | 9190258  | 9163129  | 9174872  | 0.15   | cps   |
| Thallium   | 203-1 | 550      | 375      | 517      | 481      | 19.34  | cps   |
| Thallium   | 205-1 | 975      | 1108     | 1167     | 1083     | 9.07   | cps   |
| Tin        | 118-1 | 2925     | 2717     | 3084     | 2909     | 6.32   | cps   |
| Titanium   | 47-1  | 725      | 683      | 642      | 683      | 6.10   | cps   |
| Uranium    | 238-1 | 375      | 392      | 567      | 444      | 23.89  | cps   |
| Vanadium   | 51-2  | 310      | 223      | 263      | 266      | 16.33  | cps   |
| Yttrium    | 89-1  | 11720136 | 11734186 | 11613839 | 11689387 | 0.56   | cps   |
| Yttrium    | 89-2  | 1941372  | 1943367  | 1933569  | 1939436  | 0.27   | cps   |
| Zinc       | 66-2  | 703421   | 707378   | 703686   | 704828   | 0.31   | cps   |
| Zirconium  | 90-1  | 1342     | 1225     | 1258     | 1275     | 4.71   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-35              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-35-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:35:21   | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 300  | 325  | 275  | 300     | 8.33   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-36-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:38:45   | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 24621    | 24279    | 24905    | 24602    | 1.27   | cps   |
| Antimony   | 121-1 | 1800     | 1775     | 1775     | 1784     | 0.81   | cps   |
| Arsenic    | 75-2  | 207      | 194      | 181      | 194      | 6.67   | cps   |
| Barium     | 135-1 | 48277    | 48369    | 49255    | 48634    | 1.11   | cps   |
| Barium     | 137-1 | 84197    | 84607    | 84448    | 84418    | 0.25   | cps   |
| Beryllium  | 9-1   | 6        | 17       | 28       | 17       | 66.65  | cps   |
| Bismuth    | 209-1 | 9591743  | 9484055  | 9399852  | 9491884  | 1.01   | cps   |
| Bismuth    | 209-2 | 6182950  | 6129837  | 6185167  | 6165985  | 0.51   | cps   |
| Boron      | 10-1  | 708      | 608      | 533      | 617      | 14.24  | cps   |
| Boron      | 11-1  | 3551     | 3334     | 3484     | 3456     | 3.21   | cps   |
| Cadmium    | 111-1 | 2700     | 2806     | 2884     | 2797     | 3.31   | cps   |
| Cadmium    | 106-1 | 3842     | 3976     | 4068     | 3962     | 2.86   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 13       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 172385   | 172141   | 171006   | 171844   | 0.43   | cps   |
| Calcium    | 44-1  | 2807090  | 2796166  | 2828961  | 2810739  | 0.59   | cps   |
| Chromium   | 52-2  | 3407     | 3324     | 3350     | 3360     | 1.27   | cps   |
| Cobalt     | 59-2  | 1063     | 1137     | 1057     | 1086     | 4.09   | cps   |
| Copper     | 63-2  | 1085971  | 1080735  | 1090173  | 1085626  | 0.44   | cps   |
| Dysprosium | 156-1 | 33       | 75       | 67       | 58       | 37.81  | cps   |
| Dysprosium | 156-2 | 43       | 33       | 20       | 32       | 36.33  | cps   |
| Erbium     | 164-1 | 75       | 108      | 133      | 106      | 27.73  | cps   |
| Erbium     | 164-2 | 33       | 50       | 37       | 40       | 22.05  | cps   |
| Gadolinium | 160-1 | 200      | 167      | 175      | 181      | 9.61   | cps   |
| Gadolinium | 160-2 | 177      | 200      | 170      | 182      | 8.65   | cps   |
| Holmium    | 165-1 | 14593380 | 14359231 | 14275713 | 14409441 | 1.14   | cps   |
| Holmium    | 165-2 | 9332733  | 9184643  | 9192423  | 9236600  | 0.90   | cps   |
| Indium     | 115-1 | 11694204 | 11768526 | 11945954 | 11802895 | 1.10   | cps   |
| Indium     | 115-2 | 2640453  | 2614585  | 2642544  | 2632527  | 0.59   | cps   |
| Iron       | 56-2  | 84646    | 85663    | 84586    | 84965    | 0.71   | cps   |
| Iron       | 57-2  | 2911     | 2967     | 2850     | 2910     | 2.01   | cps   |
| Lead       | 206-1 | 2561     | 2473     | 2334     | 2456     | 4.68   | cps   |
| Lead       | 207-1 | 2117     | 2045     | 2100     | 2087     | 1.81   | cps   |
| Lead       | 208-1 | 9846     | 9318     | 9502     | 9555     | 2.81   | cps   |
| Lithium    | 6-1   | 355613   | 361524   | 364061   | 360400   | 1.20   | cps   |
| Magnesium  | 24-2  | 356411   | 353122   | 359012   | 356182   | 0.83   | cps   |
| Manganese  | 55-2  | 29383    | 29714    | 29957    | 29685    | 0.97   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-36-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:38:45   | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 583      | 575      | 586      | 2.16   | cps   |
| Molybdenum | 95-1  | 292      | 367      | 267      | 308      | 16.88  | cps   |
| Molybdenum | 96-1  | 508      | 492      | 383      | 461      | 14.72  | cps   |
| Molybdenum | 97-1  | 175      | 150      | 192      | 172      | 12.18  | cps   |
| Molybdenum | 98-1  | 542      | 517      | 575      | 544      | 5.38   | cps   |
| Neodymium  | 150-1 | 33       | 67       | 87       | 62       | 43.30  | cps   |
| Neodymium  | 150-2 | 27       | 13       | 13       | 18       | 43.33  | cps   |
| Nickel     | 60-2  | 3547     | 3467     | 3354     | 3456     | 2.81   | cps   |
| Phosphorus | 31-2  | 5243     | 5134     | 5193     | 5190     | 1.04   | cps   |
| Potassium  | 39-2  | 208418   | 205364   | 206224   | 206668   | 0.76   | cps   |
| Rhodium    | 103-1 | 10910129 | 10980070 | 10839111 | 10909770 | 0.65   | cps   |
| Rhodium    | 103-2 | 6235376  | 6182734  | 6337398  | 6251836  | 1.26   | cps   |
| Scandium   | 45-1  | 5734971  | 5659196  | 5743050  | 5712406  | 0.81   | cps   |
| Scandium   | 45-2  | 335703   | 335405   | 339032   | 336713   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 3        | 17       | 7        | 132.33 | cps   |
| Selenium   | 78-2  | 126      | 119      | 83       | 109      | 20.83  | cps   |
| Selenium   | 82-1  | 224      | 273      | 168      | 221      | 23.79  | cps   |
| Silicon    | 28-1  | 6039802  | 5994603  | 6049878  | 6028094  | 0.49   | cps   |
| Silver     | 109-1 | 142      | 133      | 133      | 136      | 3.53   | cps   |
| Silver     | 107-1 | 242      | 150      | 183      | 192      | 24.21  | cps   |
| Sodium     | 23-2  | 6362700  | 6331027  | 6359584  | 6351104  | 0.27   | cps   |
| Strontium  | 86-1  | 75884    | 75700    | 76120    | 75901    | 0.28   | cps   |
| Strontium  | 88-1  | 663236   | 661166   | 655763   | 660055   | 0.58   | cps   |
| Sulfur     | 34-1  | 422535   | 417824   | 424829   | 421729   | 0.85   | cps   |
| Terbium    | 159-1 | 14953093 | 15057403 | 14887135 | 14965877 | 0.57   | cps   |
| Terbium    | 159-2 | 9158087  | 9118955  | 9277180  | 9184741  | 0.90   | cps   |
| Thallium   | 203-1 | 375      | 392      | 400      | 389      | 3.27   | cps   |
| Thallium   | 205-1 | 775      | 692      | 867      | 778      | 11.26  | cps   |
| Tin        | 118-1 | 2709     | 2667     | 3192     | 2856     | 10.22  | cps   |
| Titanium   | 47-1  | 892      | 575      | 858      | 775      | 22.45  | cps   |
| Uranium    | 238-1 | 575      | 342      | 525      | 481      | 25.56  | cps   |
| Vanadium   | 51-2  | 410      | 417      | 407      | 411      | 1.24   | cps   |
| Yttrium    | 89-1  | 11647969 | 11698740 | 11640457 | 11662389 | 0.27   | cps   |
| Yttrium    | 89-2  | 1943027  | 1926975  | 1948571  | 1939524  | 0.58   | cps   |
| Zinc       | 66-2  | 20174    | 20184    | 19413    | 19924    | 2.22   | cps   |
| Zirconium  | 90-1  | 1300     | 1133     | 1208     | 1214     | 6.88   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4763-36              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-36-FL1-KI-W3-F1 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:38:45   | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 142  | 308  | 217     | 39.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 217      | 117      | 208      | 181      | 30.73  | cps   |
| Antimony   | 121-1 | 100      | 92       | 42       | 78       | 40.56  | cps   |
| Arsenic    | 75-2  | 15       | 6        | 13       | 11       | 44.06  | cps   |
| Barium     | 135-1 | 33       | 33       | 58       | 42       | 34.65  | cps   |
| Barium     | 137-1 | 58       | 108      | 83       | 83       | 30.00  | cps   |
| Beryllium  | 9-1   | 6        | 17       | 0        | 7        | 114.54 | cps   |
| Bismuth    | 209-1 | 9100879  | 9277787  | 9374872  | 9251179  | 1.50   | cps   |
| Bismuth    | 209-2 | 6075408  | 6077226  | 6116309  | 6089648  | 0.38   | cps   |
| Boron      | 10-1  | 167      | 33       | 100      | 100      | 66.67  | cps   |
| Boron      | 11-1  | 525      | 492      | 417      | 478      | 11.61  | cps   |
| Cadmium    | 111-1 | 2500     | 2827     | 2976     | 2767     | 8.80   | cps   |
| Cadmium    | 106-1 | 3576     | 4059     | 4226     | 3954     | 8.54   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 4        | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 892      | 933      | 975      | 933      | 4.46   | cps   |
| Calcium    | 44-1  | 36572    | 37357    | 37206    | 37045    | 1.12   | cps   |
| Chromium   | 52-2  | 2474     | 2257     | 2317     | 2349     | 4.76   | cps   |
| Cobalt     | 59-2  | 73       | 97       | 60       | 77       | 24.21  | cps   |
| Copper     | 63-2  | 1677     | 1777     | 1687     | 1713     | 3.21   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 50       | 42       | 58       | 50       | 16.67  | cps   |
| Erbium     | 164-2 | 33       | 20       | 17       | 23       | 37.78  | cps   |
| Gadolinium | 160-1 | 192      | 133      | 167      | 164      | 17.86  | cps   |
| Gadolinium | 160-2 | 157      | 163      | 160      | 160      | 2.08   | cps   |
| Holmium    | 165-1 | 13822542 | 14164488 | 14032264 | 14006431 | 1.23   | cps   |
| Holmium    | 165-2 | 9146169  | 9095586  | 9048224  | 9096660  | 0.54   | cps   |
| Indium     | 115-1 | 11677819 | 11618587 | 11684272 | 11660226 | 0.31   | cps   |
| Indium     | 115-2 | 2596404  | 2590434  | 2618156  | 2601665  | 0.56   | cps   |
| Iron       | 56-2  | 6946     | 6969     | 6946     | 6954     | 0.18   | cps   |
| Iron       | 57-2  | 394      | 367      | 428      | 396      | 7.72   | cps   |
| Lead       | 206-1 | 1772     | 922      | 972      | 1222     | 39.03  | cps   |
| Lead       | 207-1 | 1572     | 950      | 1017     | 1180     | 28.96  | cps   |
| Lead       | 208-1 | 7351     | 4117     | 4239     | 5236     | 35.01  | cps   |
| Lithium    | 6-1   | 344596   | 347829   | 355973   | 349466   | 1.68   | cps   |
| Magnesium  | 24-2  | 225      | 150      | 233      | 203      | 22.63  | cps   |
| Manganese  | 55-2  | 73       | 70       | 47       | 63       | 22.94  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 192      | 175      | 292      | 219      | 28.75  | cps   |
| Molybdenum | 95-1  | 25       | 25       | 75       | 42       | 69.28  | cps   |
| Molybdenum | 96-1  | 117      | 108      | 58       | 94       | 33.40  | cps   |
| Molybdenum | 97-1  | 8        | 25       | 8        | 14       | 69.31  | cps   |
| Molybdenum | 98-1  | 42       | 33       | 33       | 36       | 13.33  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 90       | 43       | 60       | 64       | 36.70  | cps   |
| Phosphorus | 31-2  | 242      | 200      | 275      | 239      | 15.73  | cps   |
| Potassium  | 39-2  | 51331    | 50462    | 51381    | 51058    | 1.01   | cps   |
| Rhodium    | 103-1 | 10520097 | 10769003 | 10873847 | 10720982 | 1.69   | cps   |
| Rhodium    | 103-2 | 6196039  | 6223532  | 6186079  | 6201883  | 0.31   | cps   |
| Scandium   | 45-1  | 5590640  | 5626061  | 5601433  | 5606045  | 0.32   | cps   |
| Scandium   | 45-2  | 328118   | 331681   | 329652   | 329817   | 0.54   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 102      | 111      | 102      | 105      | 5.09   | cps   |
| Selenium   | 82-1  | 112      | 249      | 254      | 205      | 39.40  | cps   |
| Silicon    | 28-1  | 184822   | 182955   | 183699   | 183826   | 0.51   | cps   |
| Silver     | 109-1 | 83       | 67       | 92       | 81       | 15.80  | cps   |
| Silver     | 107-1 | 133      | 133      | 125      | 131      | 3.68   | cps   |
| Sodium     | 23-2  | 28511    | 28870    | 28920    | 28767    | 0.78   | cps   |
| Strontium  | 86-1  | 967      | 975      | 967      | 970      | 0.50   | cps   |
| Strontium  | 88-1  | 583      | 642      | 483      | 569      | 14.06  | cps   |
| Sulfur     | 34-1  | 356802   | 355906   | 354072   | 355593   | 0.39   | cps   |
| Terbium    | 159-1 | 14458760 | 14471914 | 14791224 | 14573966 | 1.29   | cps   |
| Terbium    | 159-2 | 9028224  | 9084487  | 9092380  | 9068363  | 0.39   | cps   |
| Thallium   | 203-1 | 225      | 208      | 133      | 189      | 25.85  | cps   |
| Thallium   | 205-1 | 442      | 483      | 692      | 539      | 24.86  | cps   |
| Tin        | 118-1 | 892      | 867      | 1050     | 936      | 10.62  | cps   |
| Titanium   | 47-1  | 158      | 167      | 242      | 189      | 24.30  | cps   |
| Uranium    | 238-1 | 50       | 50       | 33       | 44       | 21.66  | cps   |
| Vanadium   | 51-2  | 23       | 27       | 27       | 26       | 7.55   | cps   |
| Yttrium    | 89-1  | 11186242 | 11384777 | 11480845 | 11350621 | 1.32   | cps   |
| Yttrium    | 89-2  | 1910360  | 1913842  | 1917452  | 1913885  | 0.19   | cps   |
| Zinc       | 66-2  | 197      | 187      | 157      | 180      | 11.56  | cps   |
| Zirconium  | 90-1  | 750      | 675      | 642      | 689      | 8.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:42:11 | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 117  | 117  | 122     | 7.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 217      | 150      | 189      | 18.37  | cps   |
| Antimony   | 121-1 | 92       | 100      | 8        | 67       | 76.04  | cps   |
| Arsenic    | 75-2  | 9        | 13       | 17       | 13       | 28.58  | cps   |
| Barium     | 135-1 | 8        | 50       | 67       | 42       | 72.12  | cps   |
| Barium     | 137-1 | 50       | 100      | 33       | 61       | 56.78  | cps   |
| Beryllium  | 9-1   | 0        | 17       | 28       | 15       | 94.37  | cps   |
| Bismuth    | 209-1 | 9450035  | 9447614  | 9389702  | 9429117  | 0.36   | cps   |
| Bismuth    | 209-2 | 6131971  | 6162311  | 7087233  | 6460505  | 8.40   | cps   |
| Boron      | 10-1  | 83       | 83       | 50       | 72       | 26.65  | cps   |
| Boron      | 11-1  | 492      | 442      | 433      | 456      | 6.93   | cps   |
| Cadmium    | 111-1 | 2624     | 2752     | 2703     | 2693     | 2.40   | cps   |
| Cadmium    | 106-1 | 3759     | 3926     | 3867     | 3851     | 2.20   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 13       | 14       | 17.33  | cps   |
| Calcium    | 43-1  | 1117     | 1100     | 1100     | 1106     | 0.87   | cps   |
| Calcium    | 44-1  | 39587    | 39471    | 38518    | 39192    | 1.50   | cps   |
| Chromium   | 52-2  | 2427     | 2447     | 2357     | 2410     | 1.96   | cps   |
| Cobalt     | 59-2  | 113      | 93       | 107      | 104      | 9.75   | cps   |
| Copper     | 63-2  | 1620     | 1797     | 1723     | 1713     | 5.18   | cps   |
| Dysprosium | 156-1 | 42       | 0        | 0        | 14       | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 10       | 7        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 33       | 75       | 58       | 56       | 37.74  | cps   |
| Erbium     | 164-2 | 23       | 20       | 20       | 21       | 9.11   | cps   |
| Gadolinium | 160-1 | 167      | 92       | 142      | 133      | 28.64  | cps   |
| Gadolinium | 160-2 | 127      | 127      | 110      | 121      | 7.95   | cps   |
| Holmium    | 165-1 | 14077404 | 14255239 | 14303316 | 14211987 | 0.84   | cps   |
| Holmium    | 165-2 | 9097958  | 9129733  | 9176381  | 9134690  | 0.43   | cps   |
| Indium     | 115-1 | 11820532 | 11665413 | 11704724 | 11730223 | 0.69   | cps   |
| Indium     | 115-2 | 2617637  | 2639696  | 2584845  | 2614059  | 1.06   | cps   |
| Iron       | 56-2  | 7252     | 7652     | 7652     | 7519     | 3.07   | cps   |
| Iron       | 57-2  | 272      | 394      | 356      | 341      | 18.33  | cps   |
| Lead       | 206-1 | 5579655  | 5629418  | 5620832  | 5609968  | 0.47   | cps   |
| Lead       | 207-1 | 5093600  | 5071155  | 5052761  | 5072505  | 0.40   | cps   |
| Lead       | 208-1 | 24714428 | 24790225 | 24659532 | 24721395 | 0.27   | cps   |
| Lithium    | 6-1   | 354354   | 354832   | 356365   | 355183   | 0.30   | cps   |
| Magnesium  | 24-2  | 225      | 250      | 208      | 228      | 9.21   | cps   |
| Manganese  | 55-2  | 73       | 103      | 80       | 86       | 18.42  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 258      | 317      | 275      | 283      | 10.60  | cps   |
| Molybdenum | 95-1  | 50       | 58       | 8        | 39       | 68.89  | cps   |
| Molybdenum | 96-1  | 108      | 100      | 92       | 100      | 8.33   | cps   |
| Molybdenum | 97-1  | 25       | 25       | 33       | 28       | 17.31  | cps   |
| Molybdenum | 98-1  | 50       | 58       | 33       | 47       | 26.95  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 13       | 9        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 97       | 160      | 110      | 122      | 27.32  | cps   |
| Phosphorus | 31-2  | 225      | 250      | 275      | 250      | 10.00  | cps   |
| Potassium  | 39-2  | 51356    | 51783    | 50964    | 51368    | 0.80   | cps   |
| Rhodium    | 103-1 | 10812913 | 10793236 | 10941029 | 10849059 | 0.74   | cps   |
| Rhodium    | 103-2 | 6292105  | 6239805  | 6236554  | 6256155  | 0.50   | cps   |
| Scandium   | 45-1  | 5658532  | 5652810  | 5689803  | 5667049  | 0.35   | cps   |
| Scandium   | 45-2  | 331101   | 330725   | 332965   | 331597   | 0.36   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 124      | 109      | 135      | 123      | 10.59  | cps   |
| Selenium   | 82-1  | 96       | 182      | 170      | 149      | 31.36  | cps   |
| Silicon    | 28-1  | 189622   | 187824   | 191791   | 189746   | 1.05   | cps   |
| Silver     | 109-1 | 58       | 75       | 83       | 72       | 17.62  | cps   |
| Silver     | 107-1 | 67       | 108      | 92       | 89       | 23.59  | cps   |
| Sodium     | 23-2  | 27718    | 27326    | 27484    | 27509    | 0.72   | cps   |
| Strontium  | 86-1  | 1117     | 1017     | 942      | 1025     | 8.57   | cps   |
| Strontium  | 88-1  | 617      | 700      | 567      | 628      | 10.73  | cps   |
| Sulfur     | 34-1  | 348974   | 352570   | 355727   | 352424   | 0.96   | cps   |
| Terbium    | 159-1 | 14778462 | 14612264 | 14769054 | 14719927 | 0.63   | cps   |
| Terbium    | 159-2 | 9198298  | 9115842  | 9088446  | 9134195  | 0.63   | cps   |
| Thallium   | 203-1 | 200      | 192      | 217      | 203      | 6.28   | cps   |
| Thallium   | 205-1 | 392      | 533      | 450      | 458      | 15.53  | cps   |
| Tin        | 118-1 | 758      | 692      | 975      | 808      | 18.33  | cps   |
| Titanium   | 47-1  | 150      | 258      | 142      | 183      | 35.50  | cps   |
| Uranium    | 238-1 | 42       | 42       | 50       | 44       | 10.82  | cps   |
| Vanadium   | 51-2  | 50       | 37       | 47       | 44       | 15.61  | cps   |
| Yttrium    | 89-1  | 11609698 | 11526647 | 11520801 | 11552382 | 0.43   | cps   |
| Yttrium    | 89-2  | 1920367  | 1935291  | 1920080  | 1925246  | 0.45   | cps   |
| Zinc       | 66-2  | 347      | 750      | 437      | 511      | 41.42  | cps   |
| Zirconium  | 90-1  | 725      | 558      | 667      | 650      | 13.01  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:45:37 | DataFile Name :   | 109SMPL.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 175      | 117      | 100      | 131      | 30.17  | cps   |
| Antimony   | 121-1 | 58       | 58       | 17       | 44       | 54.12  | cps   |
| Arsenic    | 75-2  | 13       | 15       | 2        | 10       | 71.00  | cps   |
| Barium     | 135-1 | 92       | 25       | 25       | 47       | 81.51  | cps   |
| Barium     | 137-1 | 75       | 58       | 58       | 64       | 15.05  | cps   |
| Beryllium  | 9-1   | 6        | 22       | 11       | 13       | 65.44  | cps   |
| Bismuth    | 209-1 | 9484056  | 9432860  | 9412177  | 9443031  | 0.39   | cps   |
| Bismuth    | 209-2 | 6131096  | 6179345  | 6170576  | 6160339  | 0.42   | cps   |
| Boron      | 10-1  | 50       | 67       | 83       | 67       | 25.00  | cps   |
| Boron      | 11-1  | 242      | 342      | 400      | 328      | 24.43  | cps   |
| Cadmium    | 111-1 | 2830     | 2739     | 2971     | 2847     | 4.10   | cps   |
| Cadmium    | 106-1 | 4051     | 3917     | 4251     | 4073     | 4.12   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 13       | 8        | 49.98  | cps   |
| Calcium    | 43-1  | 717      | 825      | 983      | 842      | 15.93  | cps   |
| Calcium    | 44-1  | 36329    | 36872    | 35694    | 36299    | 1.62   | cps   |
| Chromium   | 52-2  | 2304     | 2400     | 2350     | 2351     | 2.06   | cps   |
| Cobalt     | 59-2  | 47       | 60       | 70       | 59       | 19.88  | cps   |
| Copper     | 63-2  | 1677     | 1640     | 1810     | 1709     | 5.24   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 25       | 25       | 33       | 28       | 17.31  | cps   |
| Erbium     | 164-2 | 17       | 23       | 7        | 16       | 53.90  | cps   |
| Gadolinium | 160-1 | 150      | 108      | 100      | 119      | 22.43  | cps   |
| Gadolinium | 160-2 | 137      | 157      | 173      | 156      | 11.80  | cps   |
| Holmium    | 165-1 | 14193314 | 14245801 | 14293182 | 14244099 | 0.35   | cps   |
| Holmium    | 165-2 | 9103390  | 9151055  | 9127518  | 9127321  | 0.26   | cps   |
| Indium     | 115-1 | 11818160 | 11851299 | 11806255 | 11825238 | 0.20   | cps   |
| Indium     | 115-2 | 2633618  | 2605545  | 2625028  | 2621397  | 0.55   | cps   |
| Iron       | 56-2  | 7191     | 6441     | 7019     | 6883     | 5.71   | cps   |
| Iron       | 57-2  | 311      | 328      | 411      | 350      | 15.31  | cps   |
| Lead       | 206-1 | 1100     | 1145     | 1128     | 1124     | 2.00   | cps   |
| Lead       | 207-1 | 1078     | 1067     | 1011     | 1052     | 3.40   | cps   |
| Lead       | 208-1 | 4689     | 4489     | 4556     | 4578     | 2.23   | cps   |
| Lithium    | 6-1   | 347445   | 353148   | 350865   | 350486   | 0.82   | cps   |
| Magnesium  | 24-2  | 175      | 233      | 192      | 200      | 15.02  | cps   |
| Manganese  | 55-2  | 80       | 107      | 100      | 96       | 14.52  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 233      | 292      | 308      | 278      | 14.18  | cps   |
| Molybdenum | 95-1  | 33       | 33       | 58       | 42       | 34.65  | cps   |
| Molybdenum | 96-1  | 58       | 167      | 83       | 103      | 55.19  | cps   |
| Molybdenum | 97-1  | 8        | 17       | 17       | 14       | 34.67  | cps   |
| Molybdenum | 98-1  | 42       | 8        | 50       | 33       | 66.15  | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 80       | 77       | 97       | 84       | 12.69  | cps   |
| Phosphorus | 31-2  | 283      | 225      | 317      | 275      | 16.87  | cps   |
| Potassium  | 39-2  | 50177    | 52184    | 50303    | 50888    | 2.21   | cps   |
| Rhodium    | 103-1 | 10835955 | 10926953 | 10955722 | 10906210 | 0.57   | cps   |
| Rhodium    | 103-2 | 6335710  | 6244094  | 6245634  | 6275146  | 0.84   | cps   |
| Scandium   | 45-1  | 5718518  | 5696642  | 5727293  | 5714151  | 0.28   | cps   |
| Scandium   | 45-2  | 330778   | 331213   | 331713   | 331235   | 0.14   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 102      | 126      | 139      | 122      | 15.38  | cps   |
| Selenium   | 82-1  | 231      | 207      | 143      | 194      | 23.56  | cps   |
| Silicon    | 28-1  | 179061   | 180282   | 181026   | 180123   | 0.55   | cps   |
| Silver     | 109-1 | 75       | 67       | 50       | 64       | 19.92  | cps   |
| Silver     | 107-1 | 117      | 92       | 108      | 106      | 12.06  | cps   |
| Sodium     | 23-2  | 28077    | 27585    | 28044    | 27902    | 0.99   | cps   |
| Strontium  | 86-1  | 975      | 1017     | 1117     | 1036     | 7.03   | cps   |
| Strontium  | 88-1  | 458      | 575      | 467      | 500      | 13.02  | cps   |
| Sulfur     | 34-1  | 355526   | 355757   | 354957   | 355413   | 0.12   | cps   |
| Terbium    | 159-1 | 14787366 | 14815030 | 14738228 | 14780208 | 0.26   | cps   |
| Terbium    | 159-2 | 9099895  | 9137072  | 9164522  | 9133830  | 0.36   | cps   |
| Thallium   | 203-1 | 108      | 83       | 142      | 111      | 26.34  | cps   |
| Thallium   | 205-1 | 350      | 233      | 292      | 292      | 20.00  | cps   |
| Tin        | 118-1 | 867      | 1092     | 775      | 911      | 17.88  | cps   |
| Titanium   | 47-1  | 108      | 242      | 92       | 147      | 55.84  | cps   |
| Uranium    | 238-1 | 42       | 33       | 75       | 50       | 44.10  | cps   |
| Vanadium   | 51-2  | 27       | 10       | 13       | 17       | 52.93  | cps   |
| Yttrium    | 89-1  | 11507960 | 11550167 | 11535377 | 11531168 | 0.19   | cps   |
| Yttrium    | 89-2  | 1925868  | 1926932  | 1935535  | 1929445  | 0.27   | cps   |
| Zinc       | 66-2  | 177      | 157      | 160      | 164      | 6.52   | cps   |
| Zirconium  | 90-1  | 583      | 550      | 525      | 553      | 5.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB10               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB10               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:49:03 | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 83   | 92   | 175  | 117     | 43.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 167      | 108      | 136      | 21.50  | cps   |
| Antimony   | 121-1 | 17       | 58       | 125      | 67       | 81.96  | cps   |
| Arsenic    | 75-2  | 17       | 9        | 9        | 12       | 36.47  | cps   |
| Barium     | 135-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Barium     | 137-1 | 25       | 50       | 58       | 44       | 39.04  | cps   |
| Beryllium  | 9-1   | 17       | 17       | 17       | 17       | 0.00   | cps   |
| Bismuth    | 209-1 | 9538947  | 9455571  | 9409520  | 9468013  | 0.69   | cps   |
| Bismuth    | 209-2 | 6081791  | 6132400  | 6099278  | 6104490  | 0.42   | cps   |
| Boron      | 10-1  | 50       | 58       | 17       | 42       | 52.91  | cps   |
| Boron      | 11-1  | 417      | 417      | 517      | 450      | 12.83  | cps   |
| Cadmium    | 111-1 | 2686     | 2800     | 2727     | 2738     | 2.10   | cps   |
| Cadmium    | 106-1 | 3842     | 3992     | 3892     | 3909     | 1.95   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 21       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 1017     | 1108     | 925      | 1017     | 9.02   | cps   |
| Calcium    | 44-1  | 38610    | 38384    | 38953    | 38649    | 0.74   | cps   |
| Chromium   | 52-2  | 2410     | 2364     | 2464     | 2412     | 2.07   | cps   |
| Cobalt     | 59-2  | 107      | 80       | 67       | 84       | 24.12  | cps   |
| Copper     | 63-2  | 1550     | 1600     | 1563     | 1571     | 1.65   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 0        | 3        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Erbium     | 164-1 | 17       | 25       | 42       | 28       | 45.82  | cps   |
| Erbium     | 164-2 | 40       | 17       | 7        | 21       | 81.01  | cps   |
| Gadolinium | 160-1 | 92       | 133      | 100      | 108      | 20.35  | cps   |
| Gadolinium | 160-2 | 153      | 120      | 137      | 137      | 12.20  | cps   |
| Holmium    | 165-1 | 14486086 | 14370999 | 14269498 | 14375528 | 0.75   | cps   |
| Holmium    | 165-2 | 9129513  | 9067167  | 9097597  | 9098092  | 0.34   | cps   |
| Indium     | 115-1 | 12034264 | 11912580 | 11792372 | 11913072 | 1.02   | cps   |
| Indium     | 115-2 | 2618007  | 2599979  | 2607836  | 2608607  | 0.35   | cps   |
| Iron       | 56-2  | 7324     | 7052     | 7091     | 7156     | 2.06   | cps   |
| Iron       | 57-2  | 344      | 367      | 350      | 354      | 3.27   | cps   |
| Lead       | 206-1 | 5603774  | 5648237  | 5615311  | 5622441  | 0.41   | cps   |
| Lead       | 207-1 | 5119183  | 5062339  | 5082278  | 5087933  | 0.57   | cps   |
| Lead       | 208-1 | 24988064 | 24809638 | 24743154 | 24846952 | 0.51   | cps   |
| Lithium    | 6-1   | 345471   | 343627   | 339014   | 342704   | 0.97   | cps   |
| Magnesium  | 24-2  | 233      | 208      | 208      | 217      | 6.66   | cps   |
| Manganese  | 55-2  | 57       | 77       | 127      | 87       | 41.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 158      | 225      | 158      | 181      | 21.32  | cps   |
| Molybdenum | 95-1  | 33       | 75       | 8        | 39       | 86.61  | cps   |
| Molybdenum | 96-1  | 108      | 67       | 125      | 100      | 30.05  | cps   |
| Molybdenum | 97-1  | 42       | 8        | 8        | 19       | 99.00  | cps   |
| Molybdenum | 98-1  | 33       | 58       | 92       | 61       | 47.89  | 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       | 127      | 80       | 97       | 26.93  | cps   |
| Phosphorus | 31-2  | 267      | 267      | 383      | 306      | 22.04  | cps   |
| Potassium  | 39-2  | 51022    | 51189    | 51256    | 51156    | 0.24   | cps   |
| Rhodium    | 103-1 | 10920704 | 10996215 | 10868559 | 10928493 | 0.59   | cps   |
| Rhodium    | 103-2 | 6275568  | 6228534  | 6225232  | 6243111  | 0.45   | cps   |
| Scandium   | 45-1  | 5710677  | 5707166  | 5713487  | 5710443  | 0.06   | cps   |
| Scandium   | 45-2  | 330151   | 330170   | 330319   | 330213   | 0.03   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 113      | 146      | 119      | 126      | 14.18  | cps   |
| Selenium   | 82-1  | 314      | 178      | 218      | 237      | 29.48  | cps   |
| Silicon    | 28-1  | 190575   | 192111   | 189748   | 190811   | 0.63   | cps   |
| Silver     | 109-1 | 75       | 58       | 33       | 56       | 37.75  | cps   |
| Silver     | 107-1 | 125      | 117      | 117      | 119      | 4.03   | cps   |
| Sodium     | 23-2  | 26917    | 27351    | 26741    | 27003    | 1.16   | cps   |
| Strontium  | 86-1  | 983      | 833      | 883      | 900      | 8.49   | cps   |
| Strontium  | 88-1  | 625      | 492      | 642      | 586      | 14.03  | cps   |
| Sulfur     | 34-1  | 359197   | 359199   | 361053   | 359816   | 0.30   | cps   |
| Terbium    | 159-1 | 14960147 | 14866008 | 14804781 | 14876979 | 0.53   | cps   |
| Terbium    | 159-2 | 9173104  | 9086995  | 9144627  | 9134908  | 0.48   | cps   |
| Thallium   | 203-1 | 142      | 183      | 142      | 156      | 15.46  | cps   |
| Thallium   | 205-1 | 408      | 325      | 242      | 325      | 25.64  | cps   |
| Tin        | 118-1 | 975      | 8886     | 825      | 3562     | 129.46 | cps   |
| Titanium   | 47-1  | 158      | 200      | 200      | 186      | 12.93  | cps   |
| Uranium    | 238-1 | 75       | 50       | 58       | 61       | 20.83  | cps   |
| Vanadium   | 51-2  | 33       | 43       | 13       | 30       | 50.92  | cps   |
| Yttrium    | 89-1  | 11619762 | 11636920 | 11551940 | 11602874 | 0.39   | cps   |
| Yttrium    | 89-2  | 1912450  | 1910968  | 1913035  | 1912151  | 0.06   | cps   |
| Zinc       | 66-2  | 213      | 343      | 353      | 303      | 25.75  | cps   |
| Zirconium  | 90-1  | 800      | 675      | 650      | 708      | 11.35  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101522BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB101522BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:52:30 | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 125  | 158  | 158  | 147     | 13.07  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21 Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:55:56 DataFile Name : 112SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 8436     | 8328     | 8044     | 8269     | 2.45   | cps   |
| Antimony   | 121-1 | 12306    | 13148    | 12139    | 12531    | 4.32   | cps   |
| Arsenic    | 75-2  | 661      | 609      | 622      | 631      | 4.28   | cps   |
| Barium     | 135-1 | 95989    | 98506    | 97331    | 97275    | 1.29   | cps   |
| Barium     | 137-1 | 168276   | 167696   | 170044   | 168672   | 0.73   | cps   |
| Beryllium  | 9-1   | 6        | 11       | 0        | 6        | 99.97  | cps   |
| Bismuth    | 209-1 | 10090866 | 9905119  | 9949325  | 9981770  | 0.97   | cps   |
| Bismuth    | 209-2 | 7370595  | 7312620  | 7284670  | 7322628  | 0.60   | cps   |
| Boron      | 10-1  | 783      | 858      | 1050     | 897      | 15.33  | cps   |
| Boron      | 11-1  | 4926     | 4868     | 4934     | 4909     | 0.74   | cps   |
| Cadmium    | 111-1 | 5852     | 6005     | 5999     | 5952     | 1.45   | cps   |
| Cadmium    | 106-1 | 4976     | 5159     | 5151     | 5096     | 2.03   | cps   |
| Cadmium    | 108-1 | 771      | 796      | 892      | 819      | 7.78   | cps   |
| Calcium    | 43-1  | 314871   | 303704   | 307431   | 308669   | 1.84   | cps   |
| Calcium    | 44-1  | 5820546  | 5731351  | 5780377  | 5777424  | 0.77   | cps   |
| Chromium   | 52-2  | 2920     | 2827     | 2894     | 2880     | 1.67   | cps   |
| Cobalt     | 59-2  | 2324     | 2267     | 2304     | 2298     | 1.25   | cps   |
| Copper     | 63-2  | 1187547  | 1168818  | 1167565  | 1174643  | 0.95   | cps   |
| Dysprosium | 156-1 | 133      | 142      | 183      | 153      | 17.53  | cps   |
| Dysprosium | 156-2 | 90       | 103      | 73       | 89       | 16.92  | cps   |
| Erbium     | 164-1 | 192      | 108      | 150      | 150      | 27.78  | cps   |
| Erbium     | 164-2 | 143      | 113      | 83       | 113      | 26.47  | cps   |
| Gadolinium | 160-1 | 325      | 275      | 375      | 325      | 15.38  | cps   |
| Gadolinium | 160-2 | 237      | 213      | 217      | 222      | 5.68   | cps   |
| Holmium    | 165-1 | 15350029 | 15478163 | 15318427 | 15382206 | 0.55   | cps   |
| Holmium    | 165-2 | 9637010  | 9592810  | 9489929  | 9573250  | 0.79   | cps   |
| Indium     | 115-1 | 12590332 | 12666404 | 12656750 | 12637829 | 0.33   | cps   |
| Indium     | 115-2 | 2758625  | 2735716  | 2716857  | 2737066  | 0.76   | cps   |
| Iron       | 56-2  | 305731   | 309706   | 306653   | 307363   | 0.68   | cps   |
| Iron       | 57-2  | 9121     | 9036     | 8542     | 8900     | 3.52   | cps   |
| Lead       | 206-1 | 83689    | 83131    | 82655    | 83159    | 0.62   | cps   |
| Lead       | 207-1 | 69487    | 70548    | 70777    | 70271    | 0.98   | cps   |
| Lead       | 208-1 | 327222   | 324716   | 324603   | 325514   | 0.45   | cps   |
| Lithium    | 6-1   | 392027   | 388610   | 383431   | 388023   | 1.12   | cps   |
| Magnesium  | 24-2  | 473069   | 471479   | 475259   | 473269   | 0.40   | cps   |
| Manganese  | 55-2  | 151130   | 147754   | 148733   | 149206   | 1.16   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:55:56   | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 900      | 942      | 667      | 836      | 17.73  | cps   |
| Molybdenum | 95-1  | 300      | 300      | 325      | 308      | 4.68   | cps   |
| Molybdenum | 96-1  | 600      | 508      | 408      | 506      | 18.96  | cps   |
| Molybdenum | 97-1  | 233      | 167      | 175      | 192      | 18.95  | cps   |
| Molybdenum | 98-1  | 533      | 533      | 592      | 553      | 6.09   | cps   |
| Neodymium  | 150-1 | 167      | 140      | 133      | 147      | 12.02  | cps   |
| Neodymium  | 150-2 | 63       | 43       | 57       | 54       | 18.71  | cps   |
| Nickel     | 60-2  | 152410   | 151958   | 152163   | 152177   | 0.15   | cps   |
| Phosphorus | 31-2  | 5443     | 5043     | 5451     | 5312     | 4.39   | cps   |
| Potassium  | 39-2  | 462553   | 455287   | 457958   | 458599   | 0.80   | cps   |
| Rhodium    | 103-1 | 11443304 | 11313955 | 11372662 | 11376640 | 0.57   | cps   |
| Rhodium    | 103-2 | 6628663  | 6526718  | 6537277  | 6564219  | 0.85   | cps   |
| Scandium   | 45-1  | 5993505  | 5943249  | 5922404  | 5953053  | 0.61   | cps   |
| Scandium   | 45-2  | 344706   | 339588   | 338095   | 340796   | 1.02   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 119      | 124      | 106      | 116      | 8.19   | cps   |
| Selenium   | 82-1  | 276      | 241      | 331      | 283      | 16.11  | cps   |
| Silicon    | 28-1  | 6877081  | 6752058  | 6841655  | 6823598  | 0.94   | cps   |
| Silver     | 109-1 | 4334     | 4626     | 6160     | 5040     | 19.46  | cps   |
| Silver     | 107-1 | 4293     | 5585     | 6610     | 5496     | 21.13  | cps   |
| Sodium     | 23-2  | 7362442  | 7254376  | 7202723  | 7273180  | 1.12   | cps   |
| Strontium  | 86-1  | 117117   | 115974   | 115445   | 116179   | 0.74   | cps   |
| Strontium  | 88-1  | 1017717  | 1015005  | 1017344  | 1016689  | 0.14   | cps   |
| Sulfur     | 34-1  | 432449   | 428822   | 435524   | 432265   | 0.78   | cps   |
| Terbium    | 159-1 | 15702830 | 15786776 | 15808934 | 15766180 | 0.36   | cps   |
| Terbium    | 159-2 | 9604919  | 9445093  | 9500843  | 9516951  | 0.85   | cps   |
| Thallium   | 203-1 | 2617     | 2917     | 3226     | 2920     | 10.42  | cps   |
| Thallium   | 205-1 | 7127     | 6560     | 6510     | 6733     | 5.09   | cps   |
| Tin        | 118-1 | 824173   | 824893   | 838273   | 829113   | 0.96   | cps   |
| Titanium   | 47-1  | 1592     | 1709     | 1792     | 1697     | 5.92   | cps   |
| Uranium    | 238-1 | 3809     | 3417     | 3534     | 3587     | 5.61   | cps   |
| Vanadium   | 51-2  | 513      | 573      | 663      | 583      | 12.94  | cps   |
| Yttrium    | 89-1  | 12305123 | 12203658 | 12239201 | 12249328 | 0.42   | cps   |
| Yttrium    | 89-2  | 1993974  | 1984187  | 1976350  | 1984837  | 0.44   | cps   |
| Zinc       | 66-2  | 10265220 | 10022983 | 10208782 | 10165662 | 1.25   | cps   |
| Zirconium  | 90-1  | 2109     | 1867     | 1900     | 1959     | 6.69   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:55:56   | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 400  | 383  | 450  | 411     | 8.44   | cps   |



LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21DUP Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 21:59:20 DataFile Name : 113SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 7952     | 7727     | 7577     | 7752     | 2.44   | cps   |
| Antimony   | 121-1 | 12790    | 12940    | 12231    | 12653    | 2.95   | cps   |
| Arsenic    | 75-2  | 674      | 619      | 637      | 643      | 4.40   | cps   |
| Barium     | 135-1 | 99102    | 97517    | 97592    | 98070    | 0.91   | cps   |
| Barium     | 137-1 | 171489   | 166817   | 170550   | 169619   | 1.46   | cps   |
| Beryllium  | 9-1   | 39       | 6        | 22       | 22       | 74.99  | cps   |
| Bismuth    | 209-1 | 10083626 | 9995308  | 9955131  | 10011355 | 0.66   | cps   |
| Bismuth    | 209-2 | 6205646  | 6208572  | 6168277  | 6194165  | 0.36   | cps   |
| Boron      | 10-1  | 942      | 900      | 1058     | 967      | 8.49   | cps   |
| Boron      | 11-1  | 4868     | 4784     | 5059     | 4904     | 2.88   | cps   |
| Cadmium    | 111-1 | 5911     | 5760     | 6037     | 5903     | 2.35   | cps   |
| Cadmium    | 106-1 | 5209     | 5001     | 5235     | 5148     | 2.49   | cps   |
| Cadmium    | 108-1 | 783      | 863      | 867      | 838      | 5.61   | cps   |
| Calcium    | 43-1  | 307412   | 304407   | 303112   | 304977   | 0.72   | cps   |
| Calcium    | 44-1  | 5749214  | 5639983  | 5637169  | 5675455  | 1.13   | cps   |
| Chromium   | 52-2  | 2650     | 2850     | 2647     | 2716     | 4.29   | cps   |
| Cobalt     | 59-2  | 2237     | 2357     | 2264     | 2286     | 2.76   | cps   |
| Copper     | 63-2  | 1160253  | 1155529  | 1158467  | 1158083  | 0.21   | cps   |
| Dysprosium | 156-1 | 133      | 208      | 142      | 161      | 25.51  | cps   |
| Dysprosium | 156-2 | 110      | 47       | 143      | 100      | 49.10  | cps   |
| Erbium     | 164-1 | 150      | 175      | 208      | 178      | 16.46  | cps   |
| Erbium     | 164-2 | 127      | 120      | 120      | 122      | 3.15   | cps   |
| Gadolinium | 160-1 | 283      | 250      | 292      | 275      | 8.02   | cps   |
| Gadolinium | 160-2 | 277      | 240      | 250      | 256      | 7.42   | cps   |
| Holmium    | 165-1 | 15383962 | 15360060 | 15306579 | 15350201 | 0.26   | cps   |
| Holmium    | 165-2 | 9334739  | 9287226  | 9354228  | 9325398  | 0.37   | cps   |
| Indium     | 115-1 | 12808339 | 12627966 | 12588441 | 12674915 | 0.92   | cps   |
| Indium     | 115-2 | 2679364  | 2688768  | 2677086  | 2681739  | 0.23   | cps   |
| Iron       | 56-2  | 297393   | 294473   | 292639   | 294835   | 0.81   | cps   |
| Iron       | 57-2  | 8247     | 8653     | 7930     | 8277     | 4.38   | cps   |
| Lead       | 206-1 | 81113    | 80497    | 82180    | 81263    | 1.05   | cps   |
| Lead       | 207-1 | 69258    | 67990    | 68644    | 68631    | 0.92   | cps   |
| Lead       | 208-1 | 321383   | 315573   | 320165   | 319040   | 0.96   | cps   |
| Lithium    | 6-1   | 365440   | 363186   | 367939   | 365522   | 0.65   | cps   |
| Magnesium  | 24-2  | 456831   | 461222   | 456860   | 458304   | 0.55   | cps   |
| Manganese  | 55-2  | 146700   | 145922   | 145044   | 145889   | 0.57   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21DUP           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:59:20   | DataFile Name :   | 113SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 783      | 733      | 933      | 817      | 12.75  | cps   |
| Molybdenum | 95-1  | 233      | 325      | 367      | 308      | 22.12  | cps   |
| Molybdenum | 96-1  | 533      | 600      | 425      | 519      | 17.00  | cps   |
| Molybdenum | 97-1  | 233      | 242      | 183      | 219      | 14.38  | cps   |
| Molybdenum | 98-1  | 583      | 567      | 575      | 575      | 1.45   | cps   |
| Neodymium  | 150-1 | 233      | 120      | 207      | 187      | 31.74  | cps   |
| Neodymium  | 150-2 | 63       | 90       | 50       | 68       | 30.05  | cps   |
| Nickel     | 60-2  | 150760   | 150850   | 149639   | 150416   | 0.45   | cps   |
| Phosphorus | 31-2  | 4784     | 4859     | 5151     | 4932     | 3.93   | cps   |
| Potassium  | 39-2  | 452473   | 449769   | 446070   | 449437   | 0.72   | cps   |
| Rhodium    | 103-1 | 11442844 | 11267369 | 11385746 | 11365320 | 0.79   | cps   |
| Rhodium    | 103-2 | 6386311  | 6395827  | 6444133  | 6408757  | 0.48   | cps   |
| Scandium   | 45-1  | 5853850  | 5805455  | 5762490  | 5807265  | 0.79   | cps   |
| Scandium   | 45-2  | 333209   | 334309   | 331794   | 333104   | 0.38   | cps   |
| Selenium   | 77-2  | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Selenium   | 78-2  | 133      | 104      | 124      | 120      | 12.59  | cps   |
| Selenium   | 82-1  | 273      | 195      | 142      | 204      | 32.40  | cps   |
| Silicon    | 28-1  | 6644550  | 6742219  | 6739084  | 6708617  | 0.83   | cps   |
| Silver     | 109-1 | 8578     | 9212     | 9662     | 9151     | 5.95   | cps   |
| Silver     | 107-1 | 8536     | 9078     | 10379    | 9331     | 10.15  | cps   |
| Sodium     | 23-2  | 6986222  | 7057307  | 7049899  | 7031143  | 0.56   | cps   |
| Strontium  | 86-1  | 115068   | 114992   | 116764   | 115608   | 0.87   | cps   |
| Strontium  | 88-1  | 1020244  | 1005318  | 1011343  | 1012302  | 0.74   | cps   |
| Sulfur     | 34-1  | 443552   | 447220   | 442175   | 444315   | 0.59   | cps   |
| Terbium    | 159-1 | 15885097 | 15860494 | 15680459 | 15808683 | 0.71   | cps   |
| Terbium    | 159-2 | 9339820  | 9360913  | 9228641  | 9309791  | 0.76   | cps   |
| Thallium   | 203-1 | 2250     | 2450     | 2209     | 2303     | 5.61   | cps   |
| Thallium   | 205-1 | 5235     | 5718     | 5468     | 5474     | 4.42   | cps   |
| Tin        | 118-1 | 852820   | 852171   | 854013   | 853001   | 0.11   | cps   |
| Titanium   | 47-1  | 1417     | 1700     | 1425     | 1514     | 10.65  | cps   |
| Uranium    | 238-1 | 3484     | 3817     | 3959     | 3754     | 6.50   | cps   |
| Vanadium   | 51-2  | 613      | 560      | 723      | 632      | 13.17  | cps   |
| Yttrium    | 89-1  | 12206776 | 12040373 | 12219325 | 12155491 | 0.82   | cps   |
| Yttrium    | 89-2  | 1927615  | 1946488  | 1929363  | 1934489  | 0.54   | cps   |
| Zinc       | 66-2  | 9898954  | 9916208  | 9969217  | 9928126  | 0.37   | cps   |
| Zirconium  | 90-1  | 1842     | 1925     | 1925     | 1897     | 2.54   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21DUP           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 21:59:20   | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 367  | 634  | 375  | 458     | 33.11  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21LX5 Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 5  
 Date & Time Acquired :: 2017-08-14 22:02:44 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1984     | 1742     | 1684     | 1803     | 8.82   | cps   |
| Antimony   | 121-1 | 2234     | 2692     | 2534     | 2486     | 9.36   | cps   |
| Arsenic    | 75-2  | 102      | 119      | 141      | 120      | 16.21  | cps   |
| Barium     | 135-1 | 19039    | 18288    | 19147    | 18825    | 2.49   | cps   |
| Barium     | 137-1 | 31436    | 31721    | 32514    | 31890    | 1.75   | cps   |
| Beryllium  | 9-1   | 11       | 17       | 6        | 11       | 49.99  | cps   |
| Bismuth    | 209-1 | 9771979  | 9691253  | 9760665  | 9741299  | 0.45   | cps   |
| Bismuth    | 209-2 | 6114774  | 7151651  | 6087020  | 6451148  | 9.41   | cps   |
| Boron      | 10-1  | 258      | 200      | 225      | 228      | 12.85  | cps   |
| Boron      | 11-1  | 1392     | 1250     | 1508     | 1383     | 9.35   | cps   |
| Cadmium    | 111-1 | 3637     | 3532     | 3338     | 3502     | 4.33   | cps   |
| Cadmium    | 106-1 | 4434     | 4418     | 4109     | 4320     | 4.24   | cps   |
| Cadmium    | 108-1 | 167      | 146      | 150      | 154      | 7.15   | cps   |
| Calcium    | 43-1  | 59403    | 59453    | 59078    | 59311    | 0.34   | cps   |
| Calcium    | 44-1  | 995070   | 994209   | 997154   | 995477   | 0.15   | cps   |
| Chromium   | 52-2  | 2520     | 2557     | 2567     | 2548     | 0.96   | cps   |
| Cobalt     | 59-2  | 593      | 480      | 463      | 512      | 13.81  | cps   |
| Copper     | 63-2  | 227558   | 229508   | 227678   | 228248   | 0.48   | cps   |
| Dysprosium | 156-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Dysprosium | 156-2 | 27       | 23       | 17       | 22       | 22.91  | cps   |
| Erbium     | 164-1 | 58       | 75       | 58       | 64       | 15.05  | cps   |
| Erbium     | 164-2 | 50       | 27       | 33       | 37       | 32.78  | cps   |
| Gadolinium | 160-1 | 117      | 192      | 208      | 172      | 28.35  | cps   |
| Gadolinium | 160-2 | 117      | 190      | 183      | 163      | 24.83  | cps   |
| Holmium    | 165-1 | 14722246 | 14928632 | 14654540 | 14768472 | 0.97   | cps   |
| Holmium    | 165-2 | 9095339  | 9192451  | 9070369  | 9119386  | 0.71   | cps   |
| Indium     | 115-1 | 12058430 | 12188327 | 12231457 | 12159405 | 0.74   | cps   |
| Indium     | 115-2 | 2603998  | 2605373  | 2598845  | 2602738  | 0.13   | cps   |
| Iron       | 56-2  | 64018    | 64345    | 63627    | 63997    | 0.56   | cps   |
| Iron       | 57-2  | 1884     | 2050     | 3059     | 2331     | 27.28  | cps   |
| Lead       | 206-1 | 17929    | 17150    | 17456    | 17512    | 2.24   | cps   |
| Lead       | 207-1 | 14569    | 14653    | 14692    | 14638    | 0.43   | cps   |
| Lead       | 208-1 | 68381    | 68633    | 67819    | 68277    | 0.61   | cps   |
| Lithium    | 6-1   | 340576   | 344662   | 341695   | 342311   | 0.62   | cps   |
| Magnesium  | 24-2  | 90055    | 89551    | 90691    | 90099    | 0.63   | cps   |
| Manganese  | 55-2  | 28622    | 28902    | 28608    | 28711    | 0.58   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21LX5           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-14 22:02:44   | DataFile Name :   | 114SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 308      | 350      | 250      | 303      | 16.59  | cps   |
| Molybdenum | 95-1  | 108      | 83       | 117      | 103      | 16.88  | cps   |
| Molybdenum | 96-1  | 175      | 217      | 150      | 181      | 18.65  | cps   |
| Molybdenum | 97-1  | 25       | 67       | 50       | 47       | 44.41  | cps   |
| Molybdenum | 98-1  | 83       | 133      | 150      | 122      | 28.39  | cps   |
| Neodymium  | 150-1 | 47       | 7        | 33       | 29       | 70.50  | cps   |
| Neodymium  | 150-2 | 7        | 17       | 23       | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 30602    | 30094    | 30004    | 30234    | 1.07   | cps   |
| Phosphorus | 31-2  | 1050     | 1175     | 1133     | 1120     | 5.69   | cps   |
| Potassium  | 39-2  | 130578   | 130125   | 131730   | 130811   | 0.63   | cps   |
| Rhodium    | 103-1 | 11077975 | 11145826 | 11110119 | 11111307 | 0.31   | cps   |
| Rhodium    | 103-2 | 6330907  | 6352969  | 6215046  | 6299641  | 1.18   | cps   |
| Scandium   | 45-1  | 5655602  | 5579988  | 5662907  | 5632832  | 0.82   | cps   |
| Scandium   | 45-2  | 323884   | 331380   | 326934   | 327399   | 1.15   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 130      | 115      | 124      | 123      | 6.09   | cps   |
| Selenium   | 82-1  | 269      | 214      | 262      | 248      | 12.06  | cps   |
| Silicon    | 28-1  | 1402853  | 1376772  | 1406570  | 1395398  | 1.16   | cps   |
| Silver     | 109-1 | 2859     | 2659     | 2734     | 2750     | 3.67   | cps   |
| Silver     | 107-1 | 2892     | 3134     | 2867     | 2964     | 4.97   | cps   |
| Sodium     | 23-2  | 1223924  | 1232073  | 1223105  | 1226367  | 0.40   | cps   |
| Strontium  | 86-1  | 22560    | 22869    | 23528    | 22986    | 2.15   | cps   |
| Strontium  | 88-1  | 195332   | 196578   | 196945   | 196285   | 0.43   | cps   |
| Sulfur     | 34-1  | 385314   | 379673   | 381522   | 382170   | 0.75   | cps   |
| Terbium    | 159-1 | 15082499 | 15075199 | 15245446 | 15134381 | 0.64   | cps   |
| Terbium    | 159-2 | 9258302  | 9181093  | 9076599  | 9171998  | 0.99   | cps   |
| Thallium   | 203-1 | 783      | 650      | 617      | 683      | 12.91  | cps   |
| Thallium   | 205-1 | 1525     | 1325     | 1508     | 1453     | 7.64   | cps   |
| Tin        | 118-1 | 158678   | 158181   | 160281   | 159047   | 0.69   | cps   |
| Titanium   | 47-1  | 508      | 408      | 483      | 467      | 11.15  | cps   |
| Uranium    | 238-1 | 783      | 650      | 875      | 770      | 14.70  | cps   |
| Vanadium   | 51-2  | 140      | 150      | 117      | 136      | 12.62  | cps   |
| Yttrium    | 89-1  | 11819409 | 11776510 | 11869849 | 11821923 | 0.40   | cps   |
| Yttrium    | 89-2  | 1899648  | 1906873  | 1904268  | 1903596  | 0.19   | cps   |
| Zinc       | 66-2  | 1645883  | 1660759  | 1655469  | 1654037  | 0.46   | cps   |
| Zirconium  | 90-1  | 833      | 783      | 858      | 825      | 4.63   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21LX5           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-14 22:02:44   | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 175  | 175  | 186     | 10.34  | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21MS Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:06:10 DataFile Name : 115SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 293878   | 292120   | 282259   | 289419   | 2.16   | cps   |
| Antimony   | 121-1 | 14344301 | 14424968 | 14421623 | 14396964 | 0.32   | cps   |
| Arsenic    | 75-2  | 519072   | 519023   | 514889   | 517661   | 0.46   | cps   |
| Barium     | 135-1 | 841711   | 844437   | 845917   | 844022   | 0.25   | cps   |
| Barium     | 137-1 | 1476175  | 1464137  | 1473155  | 1471156  | 0.43   | cps   |
| Beryllium  | 9-1   | 196810   | 191624   | 195775   | 194736   | 1.41   | cps   |
| Bismuth    | 209-1 | 10161357 | 10039147 | 9982698  | 10061067 | 0.91   | cps   |
| Bismuth    | 209-2 | 6185617  | 6177782  | 6143915  | 6169105  | 0.36   | cps   |
| Boron      | 10-1  | 36119    | 35501    | 36553    | 36058    | 1.47   | cps   |
| Boron      | 11-1  | 193838   | 192256   | 192488   | 192861   | 0.44   | cps   |
| Cadmium    | 111-1 | 826780   | 811976   | 811512   | 816756   | 1.06   | cps   |
| Cadmium    | 106-1 | 77235    | 77202    | 76441    | 76959    | 0.58   | cps   |
| Cadmium    | 108-1 | 54270    | 53919    | 56220    | 54803    | 2.26   | cps   |
| Calcium    | 43-1  | 334159   | 331529   | 334794   | 333494   | 0.52   | cps   |
| Calcium    | 44-1  | 6185441  | 6145938  | 6182700  | 6171359  | 0.36   | cps   |
| Chromium   | 52-2  | 2038031  | 2033640  | 1992604  | 2021425  | 1.24   | cps   |
| Cobalt     | 59-2  | 1734721  | 1754167  | 1716130  | 1735006  | 1.10   | cps   |
| Copper     | 63-2  | 3085679  | 3085473  | 3074599  | 3081917  | 0.21   | cps   |
| Dysprosium | 156-1 | 697189   | 687358   | 691558   | 692035   | 0.71   | cps   |
| Dysprosium | 156-2 | 176750   | 176530   | 176784   | 176688   | 0.08   | cps   |
| Erbium     | 164-1 | 225      | 192      | 225      | 214      | 9.00   | cps   |
| Erbium     | 164-2 | 167      | 130      | 143      | 147      | 12.65  | cps   |
| Gadolinium | 160-1 | 483      | 550      | 450      | 494      | 10.30  | cps   |
| Gadolinium | 160-2 | 337      | 287      | 253      | 292      | 14.35  | cps   |
| Holmium    | 165-1 | 15369132 | 15426533 | 15413222 | 15402962 | 0.20   | cps   |
| Holmium    | 165-2 | 9356805  | 9417689  | 9253373  | 9342622  | 0.89   | cps   |
| Indium     | 115-1 | 12490464 | 12370667 | 12366766 | 12409299 | 0.57   | cps   |
| Indium     | 115-2 | 2583249  | 2576520  | 2528492  | 2562754  | 1.17   | cps   |
| Iron       | 56-2  | 15763658 | 15588720 | 15250815 | 15534398 | 1.68   | cps   |
| Iron       | 57-2  | 336566   | 337728   | 328860   | 334385   | 1.44   | cps   |
| Lead       | 206-1 | 14806670 | 14784576 | 14737260 | 14776169 | 0.24   | cps   |
| Lead       | 207-1 | 13129531 | 13022361 | 13089892 | 13080595 | 0.41   | cps   |
| Lead       | 208-1 | 59323541 | 58693867 | 58593143 | 58870184 | 0.67   | cps   |
| Lithium    | 6-1   | 369496   | 371374   | 374608   | 371826   | 0.70   | cps   |
| Magnesium  | 24-2  | 1144497  | 1124252  | 1105787  | 1124845  | 1.72   | cps   |
| Manganese  | 55-2  | 735269   | 734837   | 723371   | 731159   | 0.92   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MS            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:06:10   | DataFile Name :   | 115SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1578035  | 1576314  | 1590595  | 1581648  | 0.49   | cps   |
| Molybdenum | 95-1  | 2790016  | 2766369  | 2813228  | 2789871  | 0.84   | cps   |
| Molybdenum | 96-1  | 2970795  | 2964329  | 3000428  | 2978517  | 0.65   | cps   |
| Molybdenum | 97-1  | 1742007  | 1732173  | 1750037  | 1741406  | 0.51   | cps   |
| Molybdenum | 98-1  | 4474176  | 4481944  | 4505875  | 4487332  | 0.37   | cps   |
| Neodymium  | 150-1 | 227      | 200      | 193      | 207      | 8.54   | cps   |
| Neodymium  | 150-2 | 113      | 80       | 103      | 99       | 17.30  | cps   |
| Nickel     | 60-2  | 1313629  | 1323042  | 1304736  | 1313802  | 0.70   | cps   |
| Phosphorus | 31-2  | 59419    | 58332    | 57646    | 58465    | 1.53   | cps   |
| Potassium  | 39-2  | 4060842  | 3986271  | 3964766  | 4003959  | 1.26   | cps   |
| Rhodium    | 103-1 | 11241934 | 11284988 | 11312419 | 11279780 | 0.31   | cps   |
| Rhodium    | 103-2 | 6431901  | 6391382  | 6272421  | 6365235  | 1.30   | cps   |
| Scandium   | 45-1  | 5763045  | 5682808  | 5732915  | 5726256  | 0.71   | cps   |
| Scandium   | 45-2  | 332508   | 329720   | 326837   | 329688   | 0.86   | cps   |
| Selenium   | 77-2  | 28842    | 28755    | 28368    | 28655    | 0.88   | cps   |
| Selenium   | 78-2  | 98237    | 97525    | 95100    | 96954    | 1.70   | cps   |
| Selenium   | 82-1  | 494569   | 491504   | 497052   | 494375   | 0.56   | cps   |
| Silicon    | 28-1  | 12390470 | 12791854 | 12431029 | 12537784 | 1.76   | cps   |
| Silver     | 109-1 | 1400130  | 1414350  | 1413772  | 1409418  | 0.57   | cps   |
| Silver     | 107-1 | 1457937  | 1462941  | 1478020  | 1466300  | 0.71   | cps   |
| Sodium     | 23-2  | 9198406  | 9097213  | 8973523  | 9089714  | 1.24   | cps   |
| Strontium  | 86-1  | 1019718  | 1015494  | 1025395  | 1020202  | 0.49   | cps   |
| Strontium  | 88-1  | 10390774 | 10335194 | 10437314 | 10387761 | 0.49   | cps   |
| Sulfur     | 34-1  | 404296   | 397266   | 390200   | 397254   | 1.77   | cps   |
| Terbium    | 159-1 | 15950126 | 15786473 | 15946582 | 15894393 | 0.59   | cps   |
| Terbium    | 159-2 | 9395235  | 9352495  | 9269226  | 9338985  | 0.69   | cps   |
| Thallium   | 203-1 | 35615924 | 35703055 | 35720038 | 35679672 | 0.16   | cps   |
| Thallium   | 205-1 | 84147585 | 83490744 | 84483431 | 84040587 | 0.60   | cps   |
| Tin        | 118-1 | 11062835 | 10945596 | 10946805 | 10985079 | 0.61   | cps   |
| Titanium   | 47-1  | 323056   | 317187   | 323550   | 321264   | 1.10   | cps   |
| Uranium    | 238-1 | 3584     | 3609     | 3567     | 3587     | 0.59   | cps   |
| Vanadium   | 51-2  | 1227188  | 1230167  | 1211047  | 1222801  | 0.84   | cps   |
| Yttrium    | 89-1  | 12143748 | 12055378 | 12210371 | 12136499 | 0.64   | cps   |
| Yttrium    | 89-2  | 1910416  | 1907909  | 1894310  | 1904212  | 0.46   | cps   |
| Zinc       | 66-2  | 9887012  | 9877367  | 9741043  | 9835141  | 0.83   | cps   |
| Zirconium  | 90-1  | 7394     | 6652     | 6718     | 6921     | 5.93   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MS            | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:06:10   | DataFile Name :   | 115SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2692 | 2659 | 2717 | 2689    | 1.09   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21MSD Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:09:31 DataFile Name : 116SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 285599   | 283858   | 278568   | 282675   | 1.30   | cps   |
| Antimony   | 121-1 | 14329716 | 14374798 | 14291292 | 14331936 | 0.29   | cps   |
| Arsenic    | 75-2  | 509759   | 509869   | 509828   | 509819   | 0.01   | cps   |
| Barium     | 135-1 | 832084   | 849125   | 836026   | 839078   | 1.06   | cps   |
| Barium     | 137-1 | 1452892  | 1462915  | 1445410  | 1453739  | 0.60   | cps   |
| Beryllium  | 9-1   | 188405   | 188998   | 187194   | 188199   | 0.49   | cps   |
| Bismuth    | 209-1 | 10142752 | 10103674 | 9998725  | 10081717 | 0.74   | cps   |
| Bismuth    | 209-2 | 6097487  | 6141329  | 6125512  | 6121443  | 0.36   | cps   |
| Boron      | 10-1  | 35409    | 36303    | 35393    | 35701    | 1.46   | cps   |
| Boron      | 11-1  | 191390   | 193336   | 189215   | 191313   | 1.08   | cps   |
| Cadmium    | 111-1 | 800055   | 807610   | 790309   | 799325   | 1.09   | cps   |
| Cadmium    | 106-1 | 76775    | 78979    | 76692    | 77482    | 1.67   | cps   |
| Cadmium    | 108-1 | 54747    | 53718    | 53070    | 53845    | 1.57   | cps   |
| Calcium    | 43-1  | 331029   | 327179   | 326536   | 328248   | 0.74   | cps   |
| Calcium    | 44-1  | 6121279  | 6133208  | 6078550  | 6111013  | 0.47   | cps   |
| Chromium   | 52-2  | 1982060  | 1985258  | 1979916  | 1982411  | 0.14   | cps   |
| Cobalt     | 59-2  | 1701244  | 1711709  | 1707730  | 1706894  | 0.31   | cps   |
| Copper     | 63-2  | 3153888  | 3166072  | 3153079  | 3157680  | 0.23   | cps   |
| Dysprosium | 156-1 | 667919   | 673569   | 668127   | 669872   | 0.48   | cps   |
| Dysprosium | 156-2 | 172901   | 174721   | 172223   | 173282   | 0.75   | cps   |
| Erbium     | 164-1 | 292      | 375      | 308      | 325      | 13.57  | cps   |
| Erbium     | 164-2 | 220      | 160      | 157      | 179      | 19.92  | cps   |
| Gadolinium | 160-1 | 467      | 458      | 492      | 472      | 3.67   | cps   |
| Gadolinium | 160-2 | 283      | 340      | 280      | 301      | 11.20  | cps   |
| Holmium    | 165-1 | 15459986 | 15536889 | 15198964 | 15398613 | 1.15   | cps   |
| Holmium    | 165-2 | 9252285  | 9326742  | 9204243  | 9261090  | 0.67   | cps   |
| Indium     | 115-1 | 12335594 | 12425057 | 12154404 | 12305018 | 1.12   | cps   |
| Indium     | 115-2 | 2531991  | 2538725  | 2530111  | 2533609  | 0.18   | cps   |
| Iron       | 56-2  | 15130642 | 15185063 | 15065714 | 15127140 | 0.39   | cps   |
| Iron       | 57-2  | 329319   | 328527   | 324911   | 327586   | 0.72   | cps   |
| Lead       | 206-1 | 14754899 | 14822313 | 14629611 | 14735608 | 0.66   | cps   |
| Lead       | 207-1 | 12957396 | 13201124 | 12975166 | 13044562 | 1.04   | cps   |
| Lead       | 208-1 | 58455274 | 58862027 | 58105012 | 58474104 | 0.65   | cps   |
| Lithium    | 6-1   | 365336   | 366090   | 363385   | 364937   | 0.38   | cps   |
| Magnesium  | 24-2  | 1103333  | 1105153  | 1092833  | 1100440  | 0.60   | cps   |
| Manganese  | 55-2  | 713227   | 714918   | 710165   | 712770   | 0.34   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MSD           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:09:31   | DataFile Name :   | 116SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1571552  | 1577237  | 1559104  | 1569298  | 0.59   | cps   |
| Molybdenum | 95-1  | 2761264  | 2769395  | 2741231  | 2757297  | 0.53   | cps   |
| Molybdenum | 96-1  | 2927391  | 2977779  | 2939531  | 2948234  | 0.89   | cps   |
| Molybdenum | 97-1  | 1717653  | 1748118  | 1720785  | 1728852  | 0.97   | cps   |
| Molybdenum | 98-1  | 4435665  | 4475211  | 4464845  | 4458574  | 0.46   | cps   |
| Neodymium  | 150-1 | 253      | 327      | 293      | 291      | 12.61  | cps   |
| Neodymium  | 150-2 | 120      | 107      | 87       | 104      | 16.06  | cps   |
| Nickel     | 60-2  | 1292631  | 1301616  | 1293375  | 1295874  | 0.38   | cps   |
| Phosphorus | 31-2  | 56500    | 56090    | 56224    | 56271    | 0.37   | cps   |
| Potassium  | 39-2  | 3932212  | 3913419  | 3907209  | 3917613  | 0.33   | cps   |
| Rhodium    | 103-1 | 11426061 | 11333162 | 11350916 | 11370047 | 0.43   | cps   |
| Rhodium    | 103-2 | 6274855  | 6380418  | 6290344  | 6315206  | 0.90   | cps   |
| Scandium   | 45-1  | 5709779  | 5667829  | 5608459  | 5662022  | 0.90   | cps   |
| Scandium   | 45-2  | 323254   | 323682   | 321231   | 322722   | 0.41   | cps   |
| Selenium   | 77-2  | 28328    | 27670    | 27780    | 27926    | 1.26   | cps   |
| Selenium   | 78-2  | 93120    | 94317    | 94337    | 93925    | 0.74   | cps   |
| Selenium   | 82-1  | 481326   | 479447   | 478170   | 479647   | 0.33   | cps   |
| Silicon    | 28-1  | 12108561 | 12127414 | 12073504 | 12103160 | 0.23   | cps   |
| Silver     | 109-1 | 1390085  | 1390394  | 1368192  | 1382890  | 0.92   | cps   |
| Silver     | 107-1 | 1451790  | 1454813  | 1457057  | 1454553  | 0.18   | cps   |
| Sodium     | 23-2  | 8950759  | 9079123  | 8959703  | 8996528  | 0.80   | cps   |
| Strontium  | 86-1  | 1004058  | 999936   | 998455   | 1000817  | 0.29   | cps   |
| Strontium  | 88-1  | 10283186 | 10194414 | 10137697 | 10205099 | 0.72   | cps   |
| Sulfur     | 34-1  | 362081   | 359893   | 360361   | 360778   | 0.32   | cps   |
| Terbium    | 159-1 | 15994330 | 15905697 | 15666565 | 15855530 | 1.07   | cps   |
| Terbium    | 159-2 | 9268414  | 9262374  | 9199993  | 9243594  | 0.41   | cps   |
| Thallium   | 203-1 | 35433436 | 35651847 | 35310344 | 35465209 | 0.49   | cps   |
| Thallium   | 205-1 | 83994798 | 83830191 | 82879064 | 83568018 | 0.72   | cps   |
| Tin        | 118-1 | 10843272 | 10983851 | 10845014 | 10890712 | 0.74   | cps   |
| Titanium   | 47-1  | 311221   | 316143   | 314723   | 314029   | 0.81   | cps   |
| Uranium    | 238-1 | 3559     | 3517     | 3642     | 3573     | 1.78   | cps   |
| Vanadium   | 51-2  | 1203159  | 1199049  | 1201223  | 1201144  | 0.17   | cps   |
| Yttrium    | 89-1  | 12099865 | 12061925 | 11898981 | 12020257 | 0.89   | cps   |
| Yttrium    | 89-2  | 1876573  | 1881971  | 1867072  | 1875205  | 0.40   | cps   |
| Zinc       | 66-2  | 9725254  | 9716233  | 9649016  | 9696834  | 0.43   | cps   |
| Zirconium  | 90-1  | 5976     | 5068     | 4884     | 5310     | 11.01  | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21MSD           | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:09:31   | DataFile Name :   | 116SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2400 | 2267 | 2292 | 2320    | 3.06   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4764-21A Instrumnet Name : P7  
 Client Sample ID : DC747-57-FL2-CL3-W1-I Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:12:52 DataFile Name : 117SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 287585   | 290099   | 293510   | 290398   | 1.02   | cps   |
| Antimony   | 121-1 | 14504603 | 14507947 | 14505009 | 14505853 | 0.01   | cps   |
| Arsenic    | 75-2  | 518902   | 519748   | 521533   | 520061   | 0.26   | cps   |
| Barium     | 135-1 | 847163   | 849733   | 847663   | 848186   | 0.16   | cps   |
| Barium     | 137-1 | 1478415  | 1473230  | 1480423  | 1477356  | 0.25   | cps   |
| Beryllium  | 9-1   | 190730   | 190286   | 189056   | 190024   | 0.46   | cps   |
| Bismuth    | 209-1 | 10113754 | 10137783 | 10210321 | 10153953 | 0.50   | cps   |
| Bismuth    | 209-2 | 6149511  | 6157771  | 6175020  | 6160767  | 0.21   | cps   |
| Boron      | 10-1  | 36712    | 36127    | 38191    | 37010    | 2.87   | cps   |
| Boron      | 11-1  | 195522   | 193943   | 197122   | 195529   | 0.81   | cps   |
| Cadmium    | 111-1 | 815647   | 814030   | 824040   | 817906   | 0.66   | cps   |
| Cadmium    | 106-1 | 77697    | 77043    | 77914    | 77551    | 0.58   | cps   |
| Cadmium    | 108-1 | 55626    | 55224    | 55304    | 55384    | 0.38   | cps   |
| Calcium    | 43-1  | 331498   | 329102   | 332405   | 331002   | 0.52   | cps   |
| Calcium    | 44-1  | 6139074  | 6148994  | 6187772  | 6158613  | 0.42   | cps   |
| Chromium   | 52-2  | 2017712  | 2021059  | 2025084  | 2021285  | 0.18   | cps   |
| Cobalt     | 59-2  | 1741643  | 1741754  | 1740117  | 1741172  | 0.05   | cps   |
| Copper     | 63-2  | 3157720  | 3129077  | 3146181  | 3144326  | 0.46   | cps   |
| Dysprosium | 156-1 | 683673   | 687649   | 684558   | 685293   | 0.30   | cps   |
| Dysprosium | 156-2 | 174332   | 177114   | 175787   | 175744   | 0.79   | cps   |
| Erbium     | 164-1 | 208      | 200      | 233      | 214      | 8.11   | cps   |
| Erbium     | 164-2 | 130      | 113      | 173      | 139      | 22.30  | cps   |
| Gadolinium | 160-1 | 458      | 517      | 550      | 508      | 9.13   | cps   |
| Gadolinium | 160-2 | 260      | 303      | 260      | 274      | 9.12   | cps   |
| Holmium    | 165-1 | 15429115 | 15509640 | 15503265 | 15480673 | 0.29   | cps   |
| Holmium    | 165-2 | 9387265  | 9370382  | 9266844  | 9341497  | 0.70   | cps   |
| Indium     | 115-1 | 12307715 | 12276546 | 12430066 | 12338109 | 0.66   | cps   |
| Indium     | 115-2 | 2518021  | 2529031  | 2533338  | 2526797  | 0.31   | cps   |
| Iron       | 56-2  | 15595798 | 15348078 | 15511973 | 15485283 | 0.81   | cps   |
| Iron       | 57-2  | 335346   | 330747   | 333697   | 333263   | 0.70   | cps   |
| Lead       | 206-1 | 15075348 | 15004522 | 14934121 | 15004664 | 0.47   | cps   |
| Lead       | 207-1 | 13222465 | 13368024 | 13143986 | 13244825 | 0.86   | cps   |
| Lead       | 208-1 | 59541706 | 59642219 | 59482974 | 59555633 | 0.14   | cps   |
| Lithium    | 6-1   | 363783   | 358161   | 362021   | 361322   | 0.80   | cps   |
| Magnesium  | 24-2  | 1128202  | 1134770  | 1133222  | 1132065  | 0.30   | cps   |
| Manganese  | 55-2  | 726598   | 729932   | 728948   | 728493   | 0.24   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21A             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:12:52   | DataFile Name :   | 117SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1601619  | 1604610  | 1594759  | 1600329  | 0.32   | cps   |
| Molybdenum | 95-1  | 2806852  | 2807270  | 2789830  | 2801317  | 0.36   | cps   |
| Molybdenum | 96-1  | 2996129  | 2988435  | 2996034  | 2993533  | 0.15   | cps   |
| Molybdenum | 97-1  | 1754426  | 1739010  | 1757601  | 1750346  | 0.57   | cps   |
| Molybdenum | 98-1  | 4501358  | 4475406  | 4559735  | 4512166  | 0.96   | cps   |
| Neodymium  | 150-1 | 220      | 233      | 173      | 209      | 15.08  | cps   |
| Neodymium  | 150-2 | 87       | 93       | 83       | 88       | 5.81   | cps   |
| Nickel     | 60-2  | 1319473  | 1310956  | 1315791  | 1315407  | 0.32   | cps   |
| Phosphorus | 31-2  | 56793    | 57553    | 59394    | 57913    | 2.31   | cps   |
| Potassium  | 39-2  | 3949327  | 3996734  | 4008191  | 3984751  | 0.78   | cps   |
| Rhodium    | 103-1 | 11299147 | 11239071 | 11249301 | 11262506 | 0.29   | cps   |
| Rhodium    | 103-2 | 6362233  | 6347286  | 6294334  | 6334618  | 0.56   | cps   |
| Scandium   | 45-1  | 5666538  | 5691833  | 5622419  | 5660263  | 0.62   | cps   |
| Scandium   | 45-2  | 323572   | 323472   | 325202   | 324082   | 0.30   | cps   |
| Selenium   | 77-2  | 28458    | 28862    | 28755    | 28692    | 0.73   | cps   |
| Selenium   | 78-2  | 95672    | 95476    | 96143    | 95764    | 0.36   | cps   |
| Selenium   | 82-1  | 489364   | 484646   | 490636   | 488215   | 0.65   | cps   |
| Silicon    | 28-1  | 12302842 | 12230789 | 12369249 | 12300960 | 0.56   | cps   |
| Silver     | 109-1 | 1417128  | 1411268  | 1417488  | 1415295  | 0.25   | cps   |
| Silver     | 107-1 | 1476513  | 1473409  | 1483663  | 1477862  | 0.36   | cps   |
| Sodium     | 23-2  | 9152812  | 9160393  | 9172258  | 9161821  | 0.11   | cps   |
| Strontium  | 86-1  | 1020702  | 1007529  | 1018747  | 1015659  | 0.70   | cps   |
| Strontium  | 88-1  | 10371968 | 10323212 | 10384957 | 10360046 | 0.31   | cps   |
| Sulfur     | 34-1  | 358287   | 358186   | 361114   | 359195   | 0.46   | cps   |
| Terbium    | 159-1 | 16027298 | 15969817 | 16010253 | 16002456 | 0.18   | cps   |
| Terbium    | 159-2 | 9282699  | 9271605  | 9310533  | 9288279  | 0.22   | cps   |
| Thallium   | 203-1 | 36126396 | 36175408 | 36467571 | 36256458 | 0.51   | cps   |
| Thallium   | 205-1 | 84758714 | 84769121 | 85245448 | 84924428 | 0.33   | cps   |
| Tin        | 118-1 | 11019520 | 11010053 | 11109691 | 11046421 | 0.50   | cps   |
| Titanium   | 47-1  | 316322   | 317663   | 315158   | 316381   | 0.40   | cps   |
| Uranium    | 238-1 | 3909     | 4001     | 3509     | 3806     | 6.87   | cps   |
| Vanadium   | 51-2  | 1219649  | 1224858  | 1224711  | 1223073  | 0.24   | cps   |
| Yttrium    | 89-1  | 11957099 | 11863214 | 11948242 | 11922851 | 0.43   | cps   |
| Yttrium    | 89-2  | 1880904  | 1888992  | 1887109  | 1885668  | 0.22   | cps   |
| Zinc       | 66-2  | 9972438  | 9869364  | 9978638  | 9940147  | 0.62   | cps   |
| Zirconium  | 90-1  | 5043     | 4976     | 5418     | 5146     | 4.63   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4764-21A             | Instrumnet Name : | P7        |
| Client Sample ID :      | DC747-57-FL2-CL3-W1-I | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:12:52   | DataFile Name :   | 117SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2275 | 2117 | 2309 | 2234    | 4.59   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-21 Instrumnet Name : P7  
 Client Sample ID : DC14598-21-FL1-CL110- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:16:13 DataFile Name : 118SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 145339    | 148079    | 146970    | 146796    | 0.94   | cps   |
| Antimony   | 121-1 | 553001    | 547148    | 545107    | 548419    | 0.75   | cps   |
| Arsenic    | 75-2  | 2517      | 2430      | 2315      | 2421      | 4.18   | cps   |
| Barium     | 135-1 | 211901    | 211682    | 213220    | 212268    | 0.39   | cps   |
| Barium     | 137-1 | 374378    | 374009    | 372403    | 373596    | 0.28   | cps   |
| Beryllium  | 9-1   | 189       | 128       | 172       | 163       | 19.39  | cps   |
| Bismuth    | 209-1 | 10469411  | 10398168  | 10298794  | 10388791  | 0.82   | cps   |
| Bismuth    | 209-2 | 6163452   | 6184097   | 6202064   | 6183204   | 0.31   | cps   |
| Boron      | 10-1  | 1917      | 1842      | 1700      | 1820      | 6.05   | cps   |
| Boron      | 11-1  | 10020     | 9679      | 8778      | 9492      | 6.76   | cps   |
| Cadmium    | 111-1 | 19874     | 19584     | 19802     | 19753     | 0.77   | cps   |
| Cadmium    | 106-1 | 6102      | 5776      | 6068      | 5982      | 2.99   | cps   |
| Cadmium    | 108-1 | 1642      | 1642      | 1538      | 1607      | 3.74   | cps   |
| Calcium    | 43-1  | 184320    | 186902    | 185542    | 185588    | 0.70   | cps   |
| Calcium    | 44-1  | 3082052   | 3034549   | 3047705   | 3054769   | 0.80   | cps   |
| Chromium   | 52-2  | 11448     | 11738     | 11975     | 11720     | 2.25   | cps   |
| Cobalt     | 59-2  | 29176     | 28992     | 28655     | 28941     | 0.91   | cps   |
| Copper     | 63-2  | 359333568 | 363330621 | 361919261 | 361527817 | 0.56   | cps   |
| Dysprosium | 156-1 | 4818      | 4376      | 4184      | 4459      | 7.29   | cps   |
| Dysprosium | 156-2 | 2600      | 2647      | 2647      | 2631      | 1.02   | cps   |
| Erbium     | 164-1 | 4609      | 4167      | 4568      | 4448      | 5.48   | cps   |
| Erbium     | 164-2 | 2360      | 2594      | 2504      | 2486      | 4.73   | cps   |
| Gadolinium | 160-1 | 4584      | 4968      | 4726      | 4759      | 4.07   | cps   |
| Gadolinium | 160-2 | 3094      | 2990      | 3067      | 3050      | 1.76   | cps   |
| Holmium    | 165-1 | 15866714  | 15580476  | 15553308  | 15666833  | 1.11   | cps   |
| Holmium    | 165-2 | 9341797   | 9250599   | 9290031   | 9294143   | 0.49   | cps   |
| Indium     | 115-1 | 12812878  | 12651963  | 12737754  | 12734198  | 0.63   | cps   |
| Indium     | 115-2 | 2597725   | 2590812   | 2594202   | 2594246   | 0.13   | cps   |
| Iron       | 56-2  | 33548455  | 33720806  | 33718001  | 33662421  | 0.29   | cps   |
| Iron       | 57-2  | 719899    | 720899    | 724628    | 721809    | 0.35   | cps   |
| Lead       | 206-1 | 1257811   | 1276504   | 1255159   | 1263158   | 0.92   | cps   |
| Lead       | 207-1 | 1062553   | 1071871   | 1061147   | 1065190   | 0.55   | cps   |
| Lead       | 208-1 | 4945586   | 4978827   | 4917192   | 4947202   | 0.62   | cps   |
| Lithium    | 6-1   | 359661    | 355646    | 356958    | 357422    | 0.57   | cps   |
| Magnesium  | 24-2  | 476096    | 474619    | 477730    | 476148    | 0.33   | cps   |
| Manganese  | 55-2  | 2346965   | 2340549   | 2377701   | 2355072   | 0.84   | cps   |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-21-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:16:13   | DataFile Name :   | 118SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7586     | 7261     | 6635     | 7160     | 6.75   | cps   |
| Molybdenum | 95-1  | 4751     | 4676     | 4026     | 4484     | 8.89   | cps   |
| Molybdenum | 96-1  | 6702     | 6060     | 6002     | 6254     | 6.21   | cps   |
| Molybdenum | 97-1  | 2742     | 2600     | 2975     | 2773     | 6.83   | cps   |
| Molybdenum | 98-1  | 7811     | 7586     | 7344     | 7580     | 3.08   | cps   |
| Neodymium  | 150-1 | 4408     | 4521     | 4468     | 4465     | 1.27   | cps   |
| Neodymium  | 150-2 | 2180     | 2280     | 1994     | 2151     | 6.76   | cps   |
| Nickel     | 60-2  | 1428277  | 1435768  | 1436831  | 1433625  | 0.33   | cps   |
| Phosphorus | 31-2  | 43163    | 44852    | 44610    | 44208    | 2.07   | cps   |
| Potassium  | 39-2  | 287464   | 287644   | 287592   | 287567   | 0.03   | cps   |
| Rhodium    | 103-1 | 11522222 | 11439751 | 11497424 | 11486465 | 0.37   | cps   |
| Rhodium    | 103-2 | 6424582  | 6326369  | 6365502  | 6372151  | 0.78   | cps   |
| Scandium   | 45-1  | 5702477  | 5644525  | 5723245  | 5690082  | 0.72   | cps   |
| Scandium   | 45-2  | 323394   | 321840   | 325994   | 323743   | 0.65   | cps   |
| Selenium   | 77-2  | 23       | 33       | 13       | 23       | 42.86  | cps   |
| Selenium   | 78-2  | 135      | 143      | 144      | 141      | 3.48   | cps   |
| Selenium   | 82-1  | 358      | 408      | 348      | 371      | 8.61   | cps   |
| Silicon    | 28-1  | 20584601 | 20530886 | 20386424 | 20500637 | 0.50   | cps   |
| Silver     | 109-1 | 7869     | 8295     | 8778     | 8314     | 5.47   | cps   |
| Silver     | 107-1 | 8445     | 8645     | 9829     | 8973     | 8.34   | cps   |
| Sodium     | 23-2  | 6025834  | 6055552  | 6078814  | 6053400  | 0.44   | cps   |
| Strontium  | 86-1  | 93822    | 92389    | 93732    | 93314    | 0.86   | cps   |
| Strontium  | 88-1  | 814865   | 815154   | 826314   | 818778   | 0.80   | cps   |
| Sulfur     | 34-1  | 362860   | 362949   | 366310   | 364040   | 0.54   | cps   |
| Terbium    | 159-1 | 16264456 | 15915744 | 16197949 | 16126050 | 1.15   | cps   |
| Terbium    | 159-2 | 9237895  | 9225846  | 9262234  | 9241992  | 0.20   | cps   |
| Thallium   | 203-1 | 2534     | 2617     | 2584     | 2578     | 1.63   | cps   |
| Thallium   | 205-1 | 6243     | 6118     | 5701     | 6021     | 4.71   | cps   |
| Tin        | 118-1 | 2860057  | 2841481  | 2857275  | 2852937  | 0.35   | cps   |
| Titanium   | 47-1  | 56886    | 57693    | 59043    | 57874    | 1.88   | cps   |
| Uranium    | 238-1 | 28340    | 29350    | 29810    | 29167    | 2.58   | cps   |
| Vanadium   | 51-2  | 7139     | 7088     | 6992     | 7073     | 1.05   | cps   |
| Yttrium    | 89-1  | 12313989 | 12071882 | 12233658 | 12206510 | 1.01   | cps   |
| Yttrium    | 89-2  | 1893606  | 1897061  | 1889905  | 1893524  | 0.19   | cps   |
| Zinc       | 66-2  | 6092617  | 6094804  | 6149277  | 6112232  | 0.53   | cps   |
| Zirconium  | 90-1  | 12665    | 12331    | 12815    | 12604    | 1.96   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-21              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-21-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:16:13   | DataFile Name :   | 118SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2859 | 2800 | 2584 | 2748    | 5.28   | cps   |

LB Number : LB89506 Operator : Jaswal  
 Lab Sample ID : I4766-22 Instrumnet Name : P7  
 Client Sample ID : DC14598-22-FL1-CL110- Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-14 22:19:38 DataFile Name : 119SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 6085     | 6160     | 6469     | 6238     | 3.26   | cps   |
| Antimony   | 121-1 | 19014    | 19381    | 19114    | 19169    | 0.99   | cps   |
| Arsenic    | 75-2  | 326      | 313      | 344      | 328      | 4.83   | cps   |
| Barium     | 135-1 | 61135    | 59730    | 58884    | 59916    | 1.90   | cps   |
| Barium     | 137-1 | 103576   | 104618   | 102191   | 103462   | 1.18   | cps   |
| Beryllium  | 9-1   | 28       | 11       | 72       | 37       | 85.29  | cps   |
| Bismuth    | 209-1 | 10348724 | 10455642 | 10273912 | 10359426 | 0.88   | cps   |
| Bismuth    | 209-2 | 6183251  | 6209951  | 6209033  | 6200745  | 0.24   | cps   |
| Boron      | 10-1  | 1217     | 1258     | 1150     | 1208     | 4.52   | cps   |
| Boron      | 11-1  | 6635     | 7285     | 6360     | 6760     | 7.03   | cps   |
| Cadmium    | 111-1 | 3239     | 3211     | 2905     | 3118     | 5.94   | cps   |
| Cadmium    | 106-1 | 4101     | 4059     | 3626     | 3929     | 6.70   | cps   |
| Cadmium    | 108-1 | 46       | 50       | 42       | 46       | 9.09   | cps   |
| Calcium    | 43-1  | 173188   | 175666   | 174942   | 174599   | 0.73   | cps   |
| Calcium    | 44-1  | 2901420  | 2893004  | 2876140  | 2890188  | 0.45   | cps   |
| Chromium   | 52-2  | 2927     | 3060     | 3170     | 3053     | 3.99   | cps   |
| Cobalt     | 59-2  | 950      | 860      | 953      | 921      | 5.75   | cps   |
| Copper     | 63-2  | 10149045 | 10180564 | 10106444 | 10145351 | 0.37   | cps   |
| Dysprosium | 156-1 | 267      | 167      | 183      | 206      | 26.06  | cps   |
| Dysprosium | 156-2 | 157      | 130      | 153      | 147      | 9.91   | cps   |
| Erbium     | 164-1 | 208      | 258      | 167      | 211      | 21.74  | cps   |
| Erbium     | 164-2 | 127      | 123      | 123      | 124      | 1.54   | cps   |
| Gadolinium | 160-1 | 383      | 342      | 292      | 339      | 13.54  | cps   |
| Gadolinium | 160-2 | 257      | 270      | 303      | 277      | 8.69   | cps   |
| Holmium    | 165-1 | 15637409 | 15473319 | 15596095 | 15568941 | 0.55   | cps   |
| Holmium    | 165-2 | 9240342  | 9271221  | 9282608  | 9264724  | 0.24   | cps   |
| Indium     | 115-1 | 12748540 | 12618098 | 12711940 | 12692859 | 0.53   | cps   |
| Indium     | 115-2 | 2566201  | 2579871  | 2595401  | 2580491  | 0.57   | cps   |
| Iron       | 56-2  | 1231835  | 1231128  | 1232359  | 1231774  | 0.05   | cps   |
| Iron       | 57-2  | 31172    | 30900    | 30822    | 30965    | 0.59   | cps   |
| Lead       | 206-1 | 47758    | 47831    | 47218    | 47602    | 0.70   | cps   |
| Lead       | 207-1 | 39893    | 40111    | 39431    | 39812    | 0.87   | cps   |
| Lead       | 208-1 | 184256   | 185625   | 182604   | 184162   | 0.82   | cps   |
| Lithium    | 6-1   | 344280   | 348817   | 347147   | 346748   | 0.66   | cps   |
| Magnesium  | 24-2  | 362019   | 359585   | 360849   | 360818   | 0.34   | cps   |
| Manganese  | 55-2  | 114226   | 114417   | 113608   | 114084   | 0.37   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-22-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:19:38   | DataFile Name :   | 119SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1567     | 1684     | 1709     | 1653     | 4.57   | cps   |
| Molybdenum | 95-1  | 1750     | 1825     | 1834     | 1803     | 2.55   | cps   |
| Molybdenum | 96-1  | 1909     | 2284     | 2109     | 2100     | 8.94   | cps   |
| Molybdenum | 97-1  | 958      | 1025     | 1083     | 1022     | 6.12   | cps   |
| Molybdenum | 98-1  | 3109     | 2809     | 2875     | 2931     | 5.38   | cps   |
| Neodymium  | 150-1 | 260      | 187      | 147      | 198      | 29.06  | cps   |
| Neodymium  | 150-2 | 90       | 97       | 110      | 99       | 10.30  | cps   |
| Nickel     | 60-2  | 20141    | 20985    | 20448    | 20525    | 2.08   | cps   |
| Phosphorus | 31-2  | 6668     | 7210     | 6685     | 6855     | 4.50   | cps   |
| Potassium  | 39-2  | 215351   | 214133   | 215714   | 215066   | 0.39   | cps   |
| Rhodium    | 103-1 | 11495470 | 11529725 | 11462532 | 11495909 | 0.29   | cps   |
| Rhodium    | 103-2 | 6370663  | 6387558  | 6381975  | 6380065  | 0.13   | cps   |
| Scandium   | 45-1  | 5671417  | 5629507  | 5591464  | 5630796  | 0.71   | cps   |
| Scandium   | 45-2  | 321831   | 320261   | 321764   | 321285   | 0.28   | cps   |
| Selenium   | 77-2  | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Selenium   | 78-2  | 128      | 119      | 131      | 126      | 5.30   | cps   |
| Selenium   | 82-1  | 375      | 228      | 181      | 261      | 38.82  | cps   |
| Silicon    | 28-1  | 6043180  | 6064727  | 6099549  | 6069152  | 0.47   | cps   |
| Silver     | 109-1 | 5168     | 5977     | 6177     | 5774     | 9.25   | cps   |
| Silver     | 107-1 | 5426     | 5685     | 6493     | 5868     | 9.49   | cps   |
| Sodium     | 23-2  | 6356259  | 6398463  | 6375583  | 6376768  | 0.33   | cps   |
| Strontium  | 86-1  | 84993    | 84634    | 83333    | 84320    | 1.04   | cps   |
| Strontium  | 88-1  | 732987   | 728798   | 719586   | 727123   | 0.94   | cps   |
| Sulfur     | 34-1  | 378488   | 378405   | 375487   | 377460   | 0.45   | cps   |
| Terbium    | 159-1 | 16023889 | 16005420 | 16038927 | 16022745 | 0.10   | cps   |
| Terbium    | 159-2 | 9252352  | 9230094  | 9206623  | 9229690  | 0.25   | cps   |
| Thallium   | 203-1 | 600      | 517      | 483      | 533      | 11.27  | cps   |
| Thallium   | 205-1 | 1167     | 1258     | 1133     | 1186     | 5.46   | cps   |
| Tin        | 118-1 | 83229    | 82048    | 82249    | 82509    | 0.77   | cps   |
| Titanium   | 47-1  | 3576     | 3551     | 3342     | 3490     | 3.67   | cps   |
| Uranium    | 238-1 | 1042     | 1117     | 1350     | 1170     | 13.75  | cps   |
| Vanadium   | 51-2  | 653      | 630      | 780      | 688      | 11.74  | cps   |
| Yttrium    | 89-1  | 12164803 | 12168564 | 12026012 | 12119793 | 0.67   | cps   |
| Yttrium    | 89-2  | 1871635  | 1876868  | 1864522  | 1871008  | 0.33   | cps   |
| Zinc       | 66-2  | 119111   | 119508   | 118530   | 119049   | 0.41   | cps   |
| Zirconium  | 90-1  | 1533     | 1792     | 1700     | 1675     | 7.82   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB89506               | Operator :        | Jaswal    |
| Lab Sample ID :         | I4766-22              | Instrumnet Name : | P7        |
| Client Sample ID :      | DC14598-22-FL1-CL110- | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:19:38   | DataFile Name :   | 119SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 392  | 375  | 300  | 356     | 13.73  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 208      | 142      | 200      | 183      | 19.81  | cps   |
| Antimony   | 121-1 | 5343     | 5776     | 5676     | 5599     | 4.05   | cps   |
| Arsenic    | 75-2  | 35       | 50       | 48       | 44       | 18.16  | cps   |
| Barium     | 135-1 | 75       | 50       | 58       | 61       | 20.83  | cps   |
| Barium     | 137-1 | 83       | 58       | 83       | 75       | 19.24  | cps   |
| Beryllium  | 9-1   | 22       | 39       | 6        | 22       | 74.99  | cps   |
| Bismuth    | 209-1 | 9727279  | 9767510  | 9793246  | 9762678  | 0.34   | cps   |
| Bismuth    | 209-2 | 6071611  | 6019323  | 6062074  | 6051003  | 0.46   | cps   |
| Boron      | 10-1  | 625      | 592      | 608      | 608      | 2.74   | cps   |
| Boron      | 11-1  | 3301     | 2900     | 3200     | 3134     | 6.64   | cps   |
| Cadmium    | 111-1 | 2772     | 2941     | 2601     | 2771     | 6.12   | cps   |
| Cadmium    | 106-1 | 3926     | 4167     | 3701     | 3931     | 5.94   | cps   |
| Cadmium    | 108-1 | 38       | 8        | 8        | 18       | 93.29  | cps   |
| Calcium    | 43-1  | 975      | 1083     | 1025     | 1028     | 5.28   | cps   |
| Calcium    | 44-1  | 36045    | 36196    | 35920    | 36054    | 0.38   | cps   |
| Chromium   | 52-2  | 2374     | 2474     | 2387     | 2411     | 2.25   | cps   |
| Cobalt     | 59-2  | 70       | 57       | 90       | 72       | 23.23  | cps   |
| Copper     | 63-2  | 7846     | 7816     | 7742     | 7801     | 0.68   | cps   |
| Dysprosium | 156-1 | 33       | 8        | 8        | 17       | 86.64  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 58       | 8        | 36       | 70.51  | cps   |
| Erbium     | 164-2 | 13       | 17       | 27       | 19       | 36.75  | cps   |
| Gadolinium | 160-1 | 133      | 142      | 150      | 142      | 5.88   | cps   |
| Gadolinium | 160-2 | 170      | 137      | 170      | 159      | 12.11  | cps   |
| Holmium    | 165-1 | 14734459 | 14943530 | 14761206 | 14813065 | 0.77   | cps   |
| Holmium    | 165-2 | 9081200  | 8995388  | 9041697  | 9039428  | 0.48   | cps   |
| Indium     | 115-1 | 12065457 | 11979261 | 12002023 | 12015580 | 0.37   | cps   |
| Indium     | 115-2 | 2514467  | 2524296  | 2553074  | 2530612  | 0.79   | cps   |
| Iron       | 56-2  | 8386     | 7869     | 8230     | 8162     | 3.25   | cps   |
| Iron       | 57-2  | 344      | 361      | 433      | 380      | 12.45  | cps   |
| Lead       | 206-1 | 5738164  | 5686366  | 5760628  | 5728386  | 0.66   | cps   |
| Lead       | 207-1 | 5179716  | 5131671  | 5184431  | 5165272  | 0.57   | cps   |
| Lead       | 208-1 | 25331139 | 25109113 | 25400179 | 25280144 | 0.60   | cps   |
| Lithium    | 6-1   | 326872   | 328776   | 328012   | 327887   | 0.29   | cps   |
| Magnesium  | 24-2  | 225      | 133      | 267      | 208      | 32.74  | cps   |
| Manganese  | 55-2  | 97       | 103      | 117      | 106      | 9.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 608      | 692      | 625      | 642      | 6.87   | cps   |
| Molybdenum | 95-1  | 850      | 917      | 725      | 831      | 11.72  | cps   |
| Molybdenum | 96-1  | 1008     | 825      | 1042     | 958      | 12.17  | cps   |
| Molybdenum | 97-1  | 542      | 533      | 442      | 506      | 10.98  | cps   |
| Molybdenum | 98-1  | 1475     | 1233     | 1208     | 1306     | 11.28  | cps   |
| Neodymium  | 150-1 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 120      | 130      | 120      | 123      | 4.68   | cps   |
| Phosphorus | 31-2  | 117      | 242      | 258      | 206      | 37.67  | cps   |
| Potassium  | 39-2  | 51357    | 50011    | 51440    | 50936    | 1.58   | cps   |
| Rhodium    | 103-1 | 11155827 | 10946306 | 11055027 | 11052387 | 0.95   | cps   |
| Rhodium    | 103-2 | 6234943  | 6319697  | 6253354  | 6269331  | 0.71   | cps   |
| Scandium   | 45-1  | 5504582  | 5469624  | 5494598  | 5489601  | 0.33   | cps   |
| Scandium   | 45-2  | 314384   | 316512   | 319390   | 316762   | 0.79   | cps   |
| Selenium   | 77-2  | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 80       | 113      | 133      | 109      | 24.96  | cps   |
| Selenium   | 82-1  | 185      | 176      | 145      | 168      | 12.61  | cps   |
| Silicon    | 28-1  | 183968   | 181887   | 188937   | 184931   | 1.96   | cps   |
| Silver     | 109-1 | 1700     | 1659     | 1517     | 1625     | 5.91   | cps   |
| Silver     | 107-1 | 1492     | 1625     | 1583     | 1567     | 4.35   | cps   |
| Sodium     | 23-2  | 30833    | 30674    | 30607    | 30705    | 0.38   | cps   |
| Strontium  | 86-1  | 1075     | 867      | 958      | 967      | 10.80  | cps   |
| Strontium  | 88-1  | 683      | 567      | 758      | 670      | 14.43  | cps   |
| Sulfur     | 34-1  | 329488   | 329440   | 329316   | 329415   | 0.03   | cps   |
| Terbium    | 159-1 | 15135652 | 15163048 | 15350350 | 15216350 | 0.77   | cps   |
| Terbium    | 159-2 | 9044973  | 8982014  | 9158670  | 9061886  | 0.99   | cps   |
| Thallium   | 203-1 | 358      | 383      | 358      | 367      | 3.94   | cps   |
| Thallium   | 205-1 | 717      | 700      | 900      | 772      | 14.37  | cps   |
| Tin        | 118-1 | 6502     | 6544     | 5601     | 6216     | 8.56   | cps   |
| Titanium   | 47-1  | 142      | 267      | 142      | 183      | 39.36  | cps   |
| Uranium    | 238-1 | 50       | 58       | 142      | 83       | 60.83  | cps   |
| Vanadium   | 51-2  | 53       | 53       | 33       | 47       | 24.75  | cps   |
| Yttrium    | 89-1  | 11721159 | 11596983 | 11649566 | 11655903 | 0.53   | cps   |
| Yttrium    | 89-2  | 1843272  | 1850850  | 1871555  | 1855226  | 0.79   | cps   |
| Zinc       | 66-2  | 770      | 760      | 737      | 756      | 2.26   | cps   |
| Zirconium  | 90-1  | 633      | 617      | 567      | 606      | 5.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCV11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:23:03 | DataFile Name :   | 120SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 125  | 158  | 139     | 12.49  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 125      | 167      | 150      | 147      | 14.24  | cps   |
| Antimony   | 121-1 | 3701     | 3592     | 3742     | 3678     | 2.11   | cps   |
| Arsenic    | 75-2  | 48       | 41       | 67       | 52       | 25.76  | cps   |
| Barium     | 135-1 | 33       | 42       | 17       | 31       | 41.66  | cps   |
| Barium     | 137-1 | 42       | 33       | 67       | 47       | 36.74  | cps   |
| Beryllium  | 9-1   | 22       | 17       | 22       | 20       | 15.73  | cps   |
| Bismuth    | 209-1 | 9712867  | 9852387  | 9728242  | 9764498  | 0.78   | cps   |
| Bismuth    | 209-2 | 6151820  | 6119732  | 6150763  | 6140772  | 0.30   | cps   |
| Boron      | 10-1  | 425      | 383      | 400      | 403      | 5.21   | cps   |
| Boron      | 11-1  | 2234     | 2009     | 2142     | 2128     | 5.32   | cps   |
| Cadmium    | 111-1 | 2913     | 2658     | 2760     | 2777     | 4.62   | cps   |
| Cadmium    | 106-1 | 4142     | 3784     | 3942     | 3956     | 4.54   | cps   |
| Cadmium    | 108-1 | 17       | 4        | 29       | 17       | 74.99  | cps   |
| Calcium    | 43-1  | 717      | 867      | 792      | 792      | 9.47   | cps   |
| Calcium    | 44-1  | 34132    | 33539    | 33381    | 33684    | 1.18   | cps   |
| Chromium   | 52-2  | 2310     | 2254     | 2417     | 2327     | 3.56   | cps   |
| Cobalt     | 59-2  | 60       | 57       | 70       | 62       | 11.15  | cps   |
| Copper     | 63-2  | 5705     | 5541     | 5458     | 5568     | 2.25   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Erbium     | 164-1 | 83       | 50       | 42       | 58       | 37.80  | cps   |
| Erbium     | 164-2 | 7        | 10       | 27       | 14       | 74.18  | cps   |
| Gadolinium | 160-1 | 67       | 158      | 117      | 114      | 40.30  | cps   |
| Gadolinium | 160-2 | 150      | 167      | 127      | 148      | 13.60  | cps   |
| Holmium    | 165-1 | 14624595 | 14642532 | 14859818 | 14708981 | 0.89   | cps   |
| Holmium    | 165-2 | 9161957  | 9205806  | 9141514  | 9169759  | 0.36   | cps   |
| Indium     | 115-1 | 12061573 | 11989262 | 11915262 | 11988699 | 0.61   | cps   |
| Indium     | 115-2 | 2557042  | 2564094  | 2573525  | 2564887  | 0.32   | cps   |
| Iron       | 56-2  | 7107     | 7302     | 7291     | 7233     | 1.51   | cps   |
| Iron       | 57-2  | 378      | 339      | 444      | 387      | 13.79  | cps   |
| Lead       | 206-1 | 3828     | 3751     | 3895     | 3825     | 1.89   | cps   |
| Lead       | 207-1 | 3356     | 3456     | 3228     | 3347     | 3.41   | cps   |
| Lead       | 208-1 | 15137    | 15587    | 15409    | 15378    | 1.47   | cps   |
| Lithium    | 6-1   | 324446   | 326074   | 325146   | 325222   | 0.25   | cps   |
| Magnesium  | 24-2  | 275      | 200      | 217      | 231      | 17.08  | cps   |
| Manganese  | 55-2  | 123      | 77       | 77       | 92       | 29.22  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 533      | 542      | 550      | 542      | 1.54   | cps   |
| Molybdenum | 95-1  | 608      | 617      | 467      | 564      | 14.95  | cps   |
| Molybdenum | 96-1  | 725      | 550      | 675      | 650      | 13.87  | cps   |
| Molybdenum | 97-1  | 292      | 292      | 367      | 317      | 13.67  | cps   |
| Molybdenum | 98-1  | 767      | 1058     | 892      | 906      | 16.16  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 83       | 93       | 87       | 88       | 5.81   | cps   |
| Phosphorus | 31-2  | 200      | 283      | 258      | 247      | 17.30  | cps   |
| Potassium  | 39-2  | 50964    | 50278    | 50379    | 50540    | 0.73   | cps   |
| Rhodium    | 103-1 | 10898007 | 10973204 | 10933369 | 10934860 | 0.34   | cps   |
| Rhodium    | 103-2 | 6259205  | 6349261  | 6340244  | 6316237  | 0.79   | cps   |
| Scandium   | 45-1  | 5520851  | 5497845  | 5463787  | 5494161  | 0.52   | cps   |
| Scandium   | 45-2  | 320408   | 320596   | 321638   | 320880   | 0.21   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 115      | 137      | 85       | 112      | 23.15  | cps   |
| Selenium   | 82-1  | 207      | 224      | 264      | 231      | 12.66  | cps   |
| Silicon    | 28-1  | 171743   | 173647   | 174448   | 173279   | 0.80   | cps   |
| Silver     | 109-1 | 875      | 867      | 800      | 847      | 4.85   | cps   |
| Silver     | 107-1 | 1000     | 1025     | 917      | 981      | 5.79   | cps   |
| Sodium     | 23-2  | 30106    | 29497    | 29463    | 29689    | 1.22   | cps   |
| Strontium  | 86-1  | 900      | 1058     | 817      | 925      | 13.27  | cps   |
| Strontium  | 88-1  | 508      | 492      | 525      | 508      | 3.28   | cps   |
| Sulfur     | 34-1  | 338495   | 338431   | 335628   | 337518   | 0.48   | cps   |
| Terbium    | 159-1 | 15096304 | 15102471 | 15173039 | 15123938 | 0.28   | cps   |
| Terbium    | 159-2 | 9071239  | 9052867  | 9149212  | 9091106  | 0.56   | cps   |
| Thallium   | 203-1 | 258      | 325      | 383      | 322      | 19.41  | cps   |
| Thallium   | 205-1 | 733      | 758      | 758      | 750      | 1.93   | cps   |
| Tin        | 118-1 | 3684     | 3617     | 3526     | 3609     | 2.20   | cps   |
| Titanium   | 47-1  | 117      | 167      | 175      | 153      | 20.65  | cps   |
| Uranium    | 238-1 | 83       | 67       | 42       | 64       | 32.83  | cps   |
| Vanadium   | 51-2  | 13       | 33       | 17       | 21       | 50.75  | cps   |
| Yttrium    | 89-1  | 11584706 | 11511633 | 11701497 | 11599279 | 0.83   | cps   |
| Yttrium    | 89-2  | 1867975  | 1874369  | 1872520  | 1871622  | 0.18   | cps   |
| Zinc       | 66-2  | 430      | 490      | 440      | 453      | 7.09   | cps   |
| Zirconium  | 90-1  | 608      | 558      | 608      | 592      | 4.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89506             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB11               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB11               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-14 22:26:29 | DataFile Name :   | 121SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 58   | 167  | 100  | 108     | 50.44  | cps   |